

9 out Dec 31 Eupocya glazioviae

29 good ones

5 dead

10 broken

14 mostly

626

Code on Amazonie, Mission river Fls, Dec.

26 1896. Solitary on bank of sandy white loam

Elliptical leaf like corolla, broad pointed

down at back and fringed by a row of

fleshy, curved upper edges, curving back

directed obliquely downward to leaf

directly below them (3-13 apparently). But

short curved, the rest straight, of about equal

length after 4th edge, short curved also on

the side fringed with long little smooth

white hairs which form a continuous

thick and very conspicuous fringe. At the

base of each upper edge, above (or 3 or 4) of

where there are 3 or 4 forward) is a thick

fleshy, heart-shaped protuberance which rises above

the upper edge and above all the narrow

down, covering it into a channel. They

have short undivided white hairs and

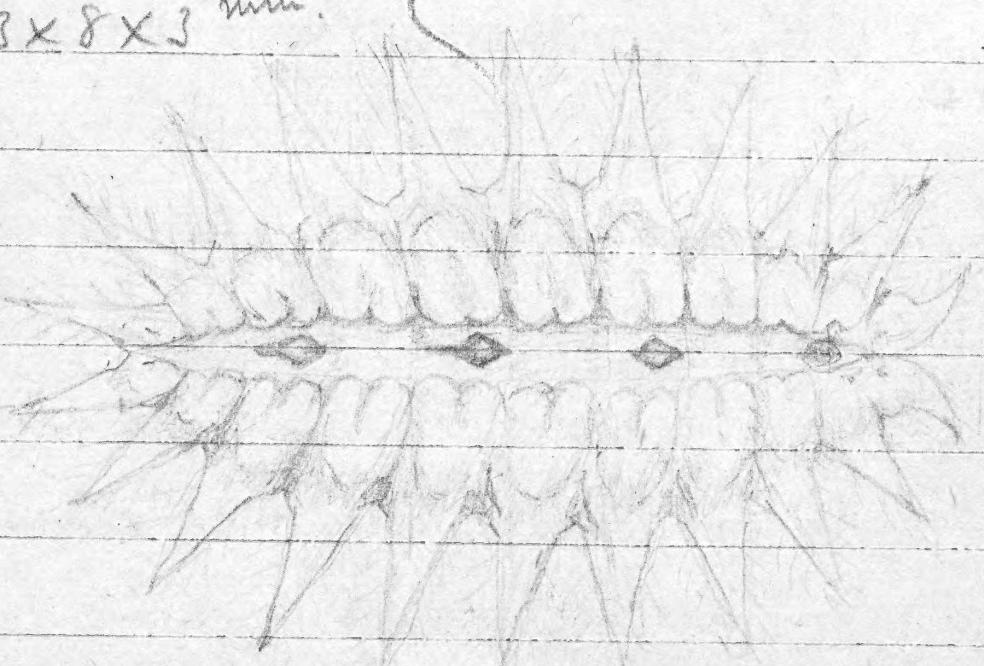
a single long hair outward set. Leaf

yellowish green, all the hairs tipped

with orange red, with 25 scattered

[Dec 28 got 21 out cows + 43 parvitized = 64]

a bluish-red diamond shaped patch with
whitish center in the depressed dorsum
at joints 4-5, 7, 9 and 11. (4 patches, the ant.
one slightly elongate) Horns on 3 & 4 very
faintly orange shaded. Side bid by horns.
Lateral area smooth, green, somewhat
hollowed irregularly without horns. Very
faint whitish areas above the spiracles
possibly represent them. The fleshy sd
horns come off when bent sharply up.
and leave an area which exudes
a drop of clear liquid. 5-7 scales below
the spiracles rather distinct, white.
Size 13 x 8 x 3 mm.



Dorsal view x 5

PVK Dec 27.

(no 1)

all horns but ① 3-8 are absolutely absent,
the horn arise about in the centre of the
segment from depressions, and then is
a smooth bulge of the skin below. The
spiracle on joint 5 is in line with the
others but appears slightly unaligned.
meal, rather higher in the fold in pro-
portion. There are on the horns a few short
pale yellow hairs enlarged toward the end,
on the dorsal aspect showing as sparse
yellowish dot, being very short there.

Dec. 28 another 13.5 mm. Same, dorsal spots
larger and rounded, the one 4-5 centrally constricted.

Horns on 3-6, 8, 10, 12 & 13 red tipped, the rest green.

Another (no 3) 11.5 mm. Same but uniformly
bright fiery red throughout; fringe hairs white,
short club-hairs faintly yellowish.

Another (no 4) about 9 mm, more than half the horns
gone. Green, no marks, the horn areas whit-
ish. Fringe hairs white, short club hairs yellowish.
Above spiracle a small, smooth slender

papilla represented ② on 6-12, absent on 5
or at least on 4. A smooth anal flap
under the horns ① ③. One on 3 in lieu with
that on 8 and abd. (3) 2 setae 3-13

Date	Dec 29	Dec 30	Spins by holding up all horn which are young tubercles; spin a ves against its smooth front of body, finally enclosed.
No 1	13 tubercles	spun	
No 2	13 "	spinning	
No 3	11.5 "	tubercles & short ¹ Jan 1	Jan 1
No 4	10 eating	11 eat.	12 eat. 13.5 eat 14.5 eat

Spun Dec 29 1896

Dec 30 My lar has acquired d. red spots 4-5, 7, 9, 11, faint
diffuse, uniform. Dec 31 Few spots distinct but not pale
centers 4-6, 7, 9 and dot 10, 11, 12, 13.

Skin has covered short pale hair from
large round flat tubercula like tubercles
but colules with white setae. The horns
have 4 hair i) smooth long setae; and ii, the
latter on tip; 2) fringe hair from tubercle, smooth
at base, then fine feathered ~~as follows~~.
3) short smooth hair, like 2 without the very tip.
4) very short heavily feathered, star-like hair off
the most horns a low blunt truncate cone in
place of it. In front of ③ which is a smooth
finge like process a tiny pale seta. A seta on
3 between ① and stub ② but nothing visible on 4.

Egg elliptical, flat, somewhat irregular in size
and shape but not a circular transverse
pale yellow both on glass and leaves 1.6 x .9
1.4 x 1.2 etc. laid singly. Reticulation rather
prominent, quadrangular, irregular, tubercles
said finely in female ♀ on 2nd day.

627

Megalophyge opercularis? on mangrove, Miami
Fla., Dec 28 1896. Hair soft, creamy white,
obscuring the body; at about joint 5 on the
side there is a parting the hair brushed
forward (ant.) up and backward (post)
from this spot on each side; along
the back a distinct crest reinforced,
especially about 6-8 by curled creamy
orange hair, the hair from 13 projecting
in a somewhat twisted tail. Length
7 mm (w/o tail)

Another (8 mm) skin pale purplish, not
concealed by the hair. Hairs thin, curving,
creamy whitish, ① 6-9 with some long
curled orange hair which form a fluffy
dorsal crest and, by divergence, a short
lateral crest on each side, 2 retractile,
3 wait on j.3 the lower small, two on 4 both
large, two on 5-12 moderate, one on 13.
Said Dec 30 Hair creamy orange, curled,

also slightly laterally; end and lateral post. hairs fluffy. Body obscured. Much like *matutina* larva but smaller and rather more fluffy.
Shed Jan 14 Like next. Hair finer than before, the side crests reduced or as to be absent and the dorsal crest curled and most prominent in the middle of the back. Length 18 mm just after shedding (without tail.)

628

Alcoholic *Pamphila ethlius* from S. Ruscheweyh, Buenos Aires, Argentina.

Head large rounded not bilobed, coarsest ringlet, w/mt fine short pale pile, dark red brown, a large round crimson spot before the ocelli; a black shade on the mouth; width 5.3 mm Neck small, a large red-brown col. Body white, 2 (except shield) and bases of all feet except 13 crimson, laterally on each segment 4 w/5^{broken} little transverse black streaks; a trace of orange on each side of axal plate (on a fulvous yellow field). Segs 6- annulate; skin very finely covered with minute white pile, inconspicuous, (tending to form a broken yellow sd line) Crotchetts of abd. feet in a circle, the long bristles on the inner side and of 2 or 3 different lengths in different parts.

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629

629

Alcoholic larvae (A. Koebele coll.) from Nat. Mu.
ment up with apatelas. Seen to be a Calli-
morphia. Head red, eyes & mouth black. W 2.6
Bd. long, rather slender; cost small, well
alternating, is small, with c. b. shiny blue
black. Body hair black, a very broad yellow
yellow band removed to pens between i m
each segment, a broad sd hair, distinct
on the incisure (iii), a broad hypopyal hair
(also r) incised down by ir, somewhat notched
a few yellow hairs around vi, by plate
blue black, a broad median ventral yellow
band. Hair pale, small, not abundant.
Pale from q-vi. Cb. pointed into this
blue triangle. Hd 1.7 Same Hd 2.1 Adam
ventral broad yellow in the big ones,
pale gray in the small ones.

Euphæla latifrons Bly
(#591899)

Stage VI Head small rounded bright red, eyes & mouth blackish, inner alve mouth white; setae black. Body brown, heavily mottled with yellow. Mant small, with by plates shining blue black. Hair black & white, not numerous, short barbed. A broad bright yellow d band, widening on bottom seg, but contracts to $\frac{1}{2}$ pess below, narrow in front, passing in a line between the small & halves of c-sh, reaching the dark anal plate. A series of rather broad side by sd yellow dashes (between ii & iii). A very broad yellow strip later supra - , narrowly hemisected broken behind the spangle of the line of gray color obliquely down - forward across iv and another II one pess below behind the ; also incised by iii, obsoletly surrounded v in narrow ring. A ring around vi. A broad vertical yellow band almost joining lateral one in the measures (2 examples)

Stage (interpol) IIa 2.1

Fatter, color less. Head red, the dorsal band as in last stage or even wider interseg. (1 example)

Stage I Head red, eyes & mouth black. Body blackish, bars short black & white, waist blue-black as in mat. Dorsal bars yellow, narrowed between 5th dashes overall, interseg. Sty. Head single, yellow, but broken across at the opercular and with a few obscure circular marks of green color. Ventral band gray, a little tinged with yellow, reaching between VII and VIII. In the other (2 headed and much larger) the bands are as in the stage II, the lateral band even running up interseg to almost join the 5th streaks.

(2 examples)

Name of Mendoplosce lubricata? & OK
from Jantel - eating rotten wood
Feb. 1897

Head round, dull black, fine granules
with short stiff white setae. W 2 ±
Body setae short & stiff, slightly swollen &
glandular at tips. Cylindrical pegs
indistinct & annulate leading blackish,
pale so dorsal line pale, several
small black spin. i-iii brown on long
fleshy papillae 5-13, ~~iiii that are~~
short & brown and trace white & brown
on 4. i-ri, ii below spine, 3 red
white pub. ii b not seen others normal
all perfect single. 5 red on col
each pair a round lump. Papillae
black grey, distal $\frac{1}{2}$ of ii whitish
feet normal, no much smaller
papilla 32 not long; ii bent forward.
Another lighter dist whitish, tips of papillae
also pale. Black granules distinct, largest
on papillae.

Crotchet of feet in right row, very very like
a series of claws

Jo

Mr. Garrison G. Dyer

to MARINE BIOLOGICAL LABORATORY

To Annual Assessment for 1897.

Please remit to

LAURENCE MINOT, Treas.,
39 Court Street,
Boston, Mass.

Received payment,
Laurence Minot, Esq
by J. Whipple
JAN 8 1897

Mc. 32 39 75 1.12 1.7 (2.1) 2.6 ml. 66

57

629

Aleurotic larva (A. Koch's coll.) from red-flowered sunflower. Found up with aphididae. Seems to be a Cocco-
id pupa. Head red, eyes smooth black. Wings
red, base, shoulder and small, well
developed, iridescent, pale yellow. A large blue
black band from black, a very broad yellow
band, then a thin black, a very broad yellow
band, repeated. A few short black lines
with segments, a short red line, dotted black.

Glycaspis brimleyi (M.), a true Glycaspis like
(also) wasps done by it, somewhat reddish,
then yellow, then, around it, big pale
blue bands, which are the result of yellow
and white bands, small, and abundant.
Small black spots. On head two black
bands, triangular. Ht. 1.7 Same Ht. 2.1 Same
central band yellow as the lighter
ones, in 2.1 small one

Glycaspis brimleyi Rd
(ASD 899)

630

Larva of Pseudoglossa leucicala

631

Seen just a few mgs. ago under a stone on a cold dark day March 11. Mi. Westfield. Head conical, flattened, 197. Head obscurly dark bluish, o. l. v. small, retracted in 2 up to eyes, clypeolatum w. 1.5 mm. Body shiny, dorsal blackish and shiny color mottled, obscure dark up & around the tubercles across back. The large ventral concolorous areas, i. e. the right side on abdominal midline, and

abdominal, are very subtly mottled, appearing, vi ped. single, vii 3 bars in a trapezoid, viii 3 bars in a trapezoid, ix lateral, i.e. & x form a single bar and area. x has 1 ped. Setae 0.5 mm. long, 1.5 mm. apart, vii above base of leg with 3 setae, a small secondary tubercle with one until, viii + ix, 10 setae, viii + x, vi

and lateral, 10 setae, slender caudal

setae expanded at top, caudobasal with 8 + 8, vi with one seta. On postero-lateral

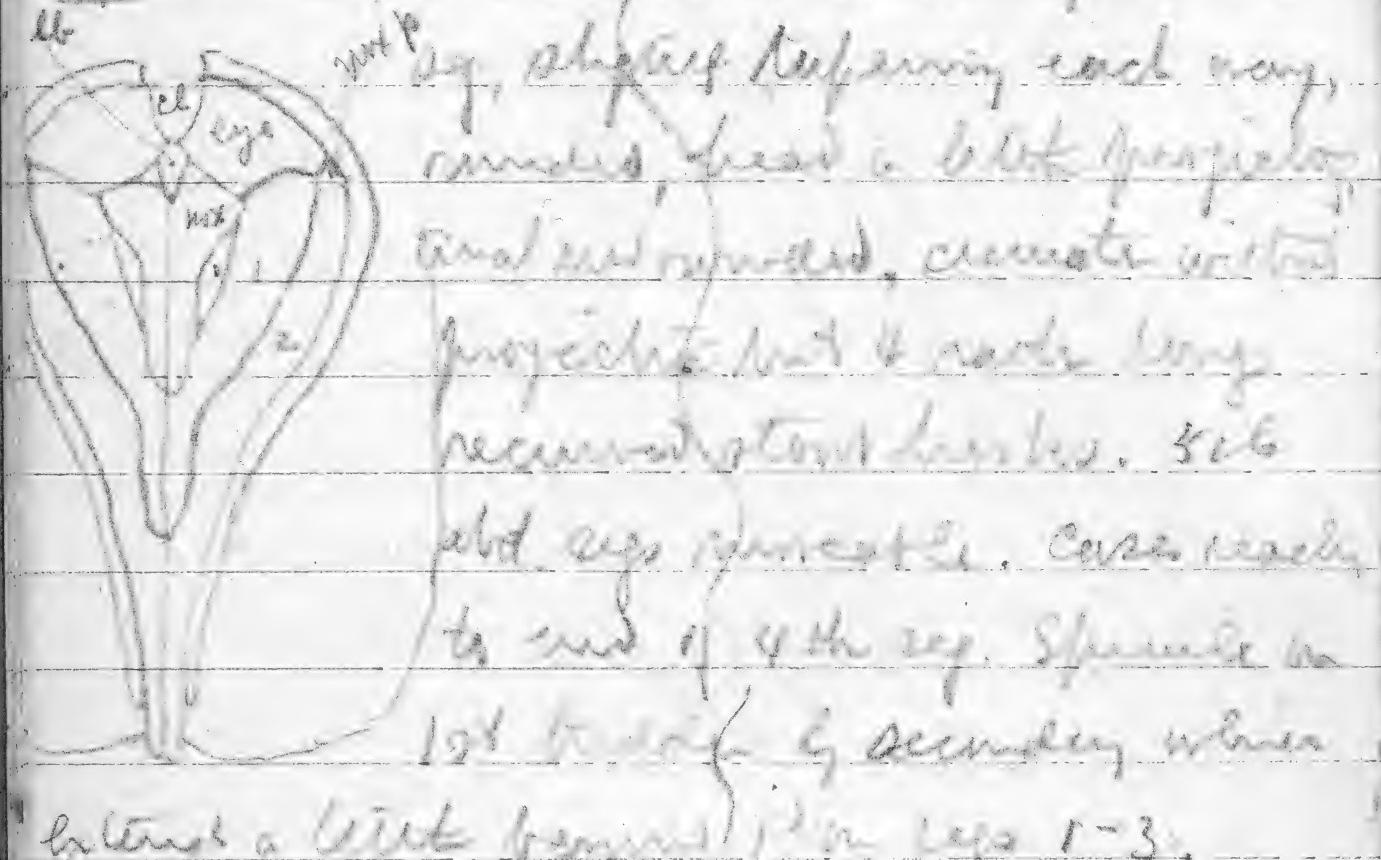
632

Aelosoma tibium (syn. *tibiale*) Mertfeldt from Mi. Westfield. Head conical, flattened, different, upper segment of labrum forming a ridge pink brown, bluish on the margins lateral angle; w 1.3 mm. Post. legs distinct, crossed second ^{13 mm. long}; tarsus is incisive but not distinctly annulated, each large, broadened, irregular markings in black ^{yellow}. Setae distinct from large post. dark tubercles in a trapezoid, vi lateral, i.e. & x form a single bar and area. x has 1 ped. Setae 0.5 mm. long, 1.5 mm. apart, vii above base of leg with 3 setae, a small secondary tubercle with one until, viii + ix, 10 setae, viii + x, vi

lateral seta just before the spine and at upper corner. On thorax in vii, viii + ix, vi single, vi + vii, vii with one seta. On postero-lateral 10 setae, 3 on pregenital tubercles, 2 on 5-6. Thoracic feet well developed, armed with setae and claws; abdominal/distinct, rather slender, caudobasal with 8 + 8, caudal setae in the outer side, a single row but dorsally clavated, a

slight broken on the outside as well as the
inner distinct on on the inside, took about.

Papa Smith collected Platnickina from 2nd Oct.



10th to 4th secondary when

extreme a little beyond 10th eggs 1-3.

Light yellowish brown, all the surfaces non-

anot, a dorsally marked a dark brown,

Smooth, shiny, no distinct punctation or

wrinkles of any kind. Length 6 $\frac{1}{2}$, width 2 $\frac{1}{2}$ mm

or wanting pollen. Found by seen to join

eggs last on carpet becoming a small pile

seen to be finely segmented off (mp)

633 = 409

Eggs of Tephritis from Dr. A. Seillet May
20 1897. Three eggs laid on an old leaf
beech leaf - the dark brown smooth
steel over with hair scales of another
leaf. A minute hair band a fine and
shades gradaroly to brownish, distinct
size 1.4 x 1 mm, height 8 mm. a little
flattened on surface & lower surfaces.

Stage I Body black

hair dark brown

A. L. Brown green

B. L. gray, a white

part greenish blue

the joint by

dark olive green; each with

line below it. Other parts of the

cuter segments: Dorsal black. In-

side is and away in white between, the

line above it. Hair black & white on at
the ends, 13 layers gray. Head

[The other made another trip finally com
out 3.5 sludding June 20, open July 10]

a white lateral line, a white barrow
line a level of scales and white 3 line
in vertex, a dash on each side connected
by dark V-shape in suctores. W. 8+ an
ir secondary brain or mouth. It is the same
as seen above but present on searching.

Stethomys Hd 1.4± ground white with rows
of gray dots across labrum & eyes, top of D base
of each side and preceded by a patch that
in the lateral aspect, a quadrat spot in
earlier no return noticed in front. Body
gray with long white bars, doubled below
each of and a rump tinted red band.
One reach extends back gray, large per-
duced 2 in the mid 2 in abd, the others
but a covering of short sparse 2nd hairs.
Tubercle is as complete as one may
see shown blotched with white as in seen
3-4, 4-5 and faint on segs 7 and 8.
Stethomys Hd as before 2.2 in the 2 arched
and each, spiracular not very large, 5-6 by

On thurs 3, a very large ant, eye un-
blurred with lappets. Hair few stiff
dark. Fin black i' has d, numerous +
pale or none with ♀ of anterior top
Colors as before, very dark like, a dark shade
a side of, marked broken fine line w lappets.
Stethomys Hd 2.4 Gray, dotted the same pale
markings which a dark contrasting. Body flat
thin, ventrally papillae, dark gray back
blue, very dots below front. Hair short &
short, long, so not aligned front to what
ends. In previous on 12, I always repeat
the uniformity of the dark grey color & back
has a white streak between 4+ present
a blackish shading and a fainter what
shade. 8g. Ground pink bordered with pink
spots in different lines. Shows pinkish
black streaks on dorsal to vi.

Sun July 3. 1997 10:47 AM
Tobago Service #

634

Egg of Aechia main from Dr. G. Leibert,
May 20 1897. Hutton's annual, base
flat, showing light yellow; 1.7 mm.
Reticulations consisting of broad ill-defined
shuttles between the small rounded
petioles hollow of the cell areas. Sharply
forested the reticulations very narrow lines.

Calc. .39 .65 1.08 1.8 3.0 5.0 sat. 60
Found 35° .6 1.0 1.9 3.0

avg
(n 189)

635

Letter of abel? in history, 2nd Vol., 31.

May 23 1897. Ad hibid, you know not

~~✓~~ - very large black return, n. 35

~~✓~~ hair black, as in fig.

~~✓~~ ~~Fig~~ Bod, white, a large

~~✓~~ ~~Bd~~ dorsal patch of dark

hair as 5, 8-9, 12, a back mottled

in pale. Dorsal hairy, black. Hair stiff

numbered, and distinctly open close. and pale white ones 4, 6-7 and hair long,

shed. May 25 Hd sharply black, pale base,

" a black dash in center of vertex and pale

white marks each side of eyes; w. about 6

Body opaque white, not shiny, large vent

and 5-8-9 and a dorsally purplish black.

So vent and all in 11 are whitish as body.

Hair stiff, mostly numerous, black, in small

Hair of 11 sparse and pale $3 = 259 + 295 = 317 = 383$.

Shed May 27 Hd 1 mm. below black, shiny, a

white mark each side & red between white

black, rounded mottles with faint

d. darkest 5, 8-9, 12, 11 conspicuous pale

a weak ventrally bar long & white 5-8,

mid back white d, tipped with fine a

5-12 the latter forming dominant tufts

a regular 1-10 Intercauda = 388. in a

large nail, larger than 11 and nearly a line from

She and Hd 1-8 = black & white v. 1-8 black &

fine white streaks lat. a pale yellow red (an 10

7-8) and reddish narrow hair black tufts 5-12

and pale white ones 4, 6-7 and hair long,

shed June 5 Hd 3 mm. (shd 1.9) black with

white marks & several lines. Bod. black, opaque & fine

white marks each side of eyes; w. about 6

Body opaque white, not shiny, large vent

and 5-8-9 and a dorsally purplish black.

So vent and all in 11 are whitish as body.

Hair stiff, mostly numerous, black, in small

Hair of 11 sparse and pale $3 = 259 + 295 = 317 = 383$.

red dash, white v. Tufts poly color up to 5 and

12 brown tipped; cream tufts also in 9 & 10

a few dark red dorsal spots, yellow & a

blue line etc. Very fine. (brown)

636

Satined on young white oak sprig
up the leaves turned into the
sprig of *Platanocarpus*.
Hairy black with slender pale
yellowish whitish, w 1.4 mm. Body
translucent whitish, full transparent
and very evident dark which
lays distinct cross-hairs, the reticu-
lary parts from white dark center
around, 12 or more number except
a curved black band on each
side of the large cross-hairs. On
each plate of large whitish dots
with transversal spots. T. 6.5 mm.
Solitary. III 12 in front of and
with below spiracles.

Out March 23 1898 Cat. no. 14965

637

Another I found with 636 but
different. Head, ods and 2 spots
below a thoracic foot hairy black.
Body colorless translucent, slightly
whitish, transverse bands yellowish
or colorless, not evident, others few
2 pale but hairy, round 11 + 1
the upper one small and narrow
dark evident with 2 in. T. 9. On just
12 III is situated before the spiracles
with the other esp. narrow. The black
spots n 2 are the size of 11 with
slightly darker borders. Anal plate
as in 636 but less evidently marked.
Marked or more abundant Web like 636
Solitary. M. hol 1.2 ± mm. T. 9-10
Hd 1.7 green? black, on pale
with dark edges! No other
marked. Bag green, other pale

Out Jan 21 1897 Patined. Cat. no. 12788

638

Entered in oak with preceding May
1897. Hd had out for
block, a rounded dark
brown shot in 2 and then
confluent w. on each lobe, not exfoliate
w. 1.2 m. with other part black, very
dark, variegated, tubercles not large
but black and distinct; actae stiff
white, a white d and 5-6 line and
white ring around all the tubercles
gland yellow slate gray, lateral
space velvety brown-black, the markings
all blotchy but not blended. Two
tiny white dots behind iii suggest
a broken lateral band. iii on 12 in
front of sprinch. Solitary. The sprinch
is broken and slightly orange tinted
Axial plate grayish mottled, concolorous

(at June 25 197) Cat.no. 12790

639

Similar to 636 on Hudson May 1897
Not down over the Hudson, black on face
mouth pale pale, w 1.3 in t three, all
translucent green, anal pl. dotted with
translucent, c-sh green, nearly bordered
by a narrow black dash each side
of the middle of the green membrane. Seto-
ny pale from mouth to anterior fin
black, arranged as in 636, in 12 in front
of opercle, just below the eye. Translucent
black apically. Solitary. Web like 637.
Posterior spine very slender. Lure conical

27/11/11

675

Egg from Miss Sible said to be Selena
albifascia" Mototukle Ut. Regularly
 collected from top view, the surfaces

blistered but slightly wavy; leaf-like
 measured from side, bellied .7 x 1 m
 "green" dark red when received. Toid May
 10/26 1897 (specimen) and notes state shiny
 fine & turned black; hatched June 9

The stout little black horns, abd. feet mixed
 Hd fibrous, main blade with pale center

n. ⁽⁵⁾ 4⁵ rod all down velvety brown, abd.
 and anal plate
 by plates, bright red contrasting and from
 tiny yellow dorsal dots (joined well together)
 areas on post. edge of eggs 5 and 6 - and the
 tail! (tail!) Fibers were broken but con-
 stantly return dark dark. Ant edge red
 and mouth reddish. Dorsal

by threads or distaining
 and thick edge by feeding

Shed June 26 Hd 6 ad the main blade

main blade as before but the back with
 pointed out one apprehended by a female (or
 on 8 and 1 of 5 q) is produced into a
 rounded protuberance. Hd round, 6 pale.

Shed June 26 Hd 1.2+ and lower with a short &
 thick black band on each side. 1 on 5-9 long &
 subapical, white dots on 6 & 7 and, but still very
 broad but discontinued with gray in 1 and 2, with
 6 dotted bands 5-8 spread into a transverse which
 on 9, 10 and 3 large & also discontinuous and lighter
 with dark tip. May 29 1897 much darker.

July 3 Hd 1.9 very angular & stick like. Hd flat before
 the 1st tail. Dorsal gray brown, darker & thicker
 & variegated. Post. 1-3 appear to protrude with purple
 base, lid purple. Clippings of rect. glandular 4-7
 i.e. 5, 6 elongated, 8-13 much thicker, 8, 9 esp. wide
 laterally, granular framework. 10-12 mostly smooth
 translucent, grey frosted; cavity brown d. esp. on the
 prominent points just 1-3 which shaded 11-13
 dark grey. Below smooth gray brown to
 black. Submarginal line of post 4 bright brown. 12
 blotted and dotted. (d. faint post 4-6 esp.)
 Sept 10/26 Hd 2.7 same; has a dark basal process (about
 1/3 of variegated with spots of brown & white) at esp.
 a dotted dark one 1 and a dorsal than tail

Same Aug 3 holding up a leaf

and in May 1898 cat nos. 15020-3

Selena albifascia

241 1.34 1.65 2.03 ret. 81
2.19 2.52 2.9 ret. 17

seen May 8th juv. Ht 3.8± (hd 3.0)
[Both the long ones during July 22]

641

Parojoja acutatrix? = $241 + 118 = 63$
from Mr. Beutengmiller June 2 1897 on
^(hd 2.2 m) Hd 2mm thick. Body appears black
and is nearly so d. but a little mottled
with pale, pale gr., a band most certainly
pale olive by line. Back cream-colored.
Eye black pencil or 2, square black
at t. of 5 and 12, gray tuft 6-8, each
turns back in before it. Some feather
hair in 3 & 4 and long black hair ex 13
but no brush. Other hair gray thin
probable tubercles pale.

Hd June 5 Ht 3 ± same fine long pencils,
gr. 2, feather and pencils in 13. Tufts
of 12 black other hair except feet, and
around red tufts. Black feathers and as
long as the black tufts all over length
light gray fine and dense. Some
long hair 5-8. Shd June 21 Hd 3.5± (hd
2.5) Same. Shd July 4 Hd 4.3± (hd 3.5) Shd

Same Belfast, I. D. June 11, 1897 but very small
Hd 1.2± Black thick 5+ mm, gray
6-7, pencils are slight. Head blackish,
pale gr. first gray of line. Hair
very even except long, downy black
Shd July 7 Hd 1.5± (hd 1.4) Same, gray hair thick
6-8, all same. Red tubercles reddish.
Shd June 24 Hd 1.8± (hd 1.4) Same, fluffy
Shd July 2 Hd 2.2± (hd 2.2) Same
Shd July 13 Hd 4.3± (hd 3.1) Same
Shd July 24 Images of tailless Aug 14
(*dray + face)

641 Retard * 1.2 ± 1.4 2.2 3.1 4.8 ±
35 51 72 1.03 1.47 2.11 3.01 4.3 ret 10
241 + 1.3 ± 1.5 2.2

641 * 2.2 2.5 3.5 4.3 ±

stage is OK (see note under 241)

Retardate as stage VI or later, dated
above VI or cutaway IV, perhaps III, (if
as high in III which is not specific)

642

Catocala or biseong, Bronx Park, N.Y.
May 1897. (Shed twice) Hd 3.8 pale slate
gray with numerous short white vertical
stubs. Setae simple coarse, upper one
black. Lg. somewhat flattened but
on 7. & much smoother than the others.
Setae from very large tubercles, coarse
distinct, perfectly simple and round, with rather large regular rounded hexagonal
ones 3 on leg plates. Anal feet spreading raised line, linear, widening a little at
the "knots" present, small white dashes
between tubercles
tread-like processes, and 2 hairs.
Body back gray brown mottled with black.
dot forming powdered broken sd, flat flattened and obscure and also smaller.
and stip. line. Tubercles orange with white
ring. A small bump between it on 9
and 11 on 12 much enlarged, coarsely
taste from all bodies in last 10, tubercles red
center creamy white a dark brown patch in
center of each segment.
Spun up among the leaves June 4.

out

643

Hatched June 14 Schizura sp. Hd 10 lbs pale
brown, 4 on legs yellowish red on 5, 7
and 12 and 5-8 except the long conic
tubercles. Setae long, short, 12 branched
and anal feet broad (the latter got
red, but drier = ipomoeae) [from again]
shed June 21 Hd and brown & greenish white

Found rotted in Aug, 1898. Found out
in fall before.

Zygaea pulcherrima J.B.S. Nov 5 1898

644 = Superb.
autumnale

the latter in April. This arrived
and others, and d. in 5, 7, 9, 12 and
all along the side, a very numerous
line. Infinitely larger, more, coarser than
a little later, after long pale.

Shed June 26 Like 396 (III) q.v. Hd. w/ w/ w/
next day regular little sprays. [but w/]

Rooted, growing on planted over-
turf sample at Bellfont P. S. Jun 5 1897
Several on a leaf, three were for a spec-
imen, a slightly enlarged, rather
single oval, in 3 times well separated
it is very weak, in, in a line; no base or
wid leaf plate, but one and. Light green
& narrow oval, seems but broken & old,
narrow upright tip, subtended with a
broad tip white line. Inflorescences
prominent. By band a blue yellowish
yellow pale, distinct & rather long. But
white & red. In some several line about
Hd. whitish green, with dark W. 1.5 mm
Shed June 6 Hd. 2.2 Same sprays. purple dark
rimmed. Hd. green. D. line distinct. Sep-
tic leaves folded Jun 13 Hd 3.3. Some a bit
more pronounced. Hd. green, a. line broad yellow
soon a little dot & green on either. D. by green
fairly yellowish, sprays pink turning purple
at tip and yellow.

Scaphiodes *Scopis* *Thaumaturus*

NO

Mat 1996

685

AB 9 1883
20/1/96

646 = 203

Length in very safe belief June 6 1897, a little short than I put on of, otherwise true bigger in body and appearance. Smooth green, sprinkled with white. Gills very obscure small, feels, not moist. Hd. whitish green. Body white green, dorsal dark, a distinct straight white red line of space with irregular white dots with darker, a dense lateral white line to upper edge. Fins, white blotched with yellow. Myco. scarce, appeared first office alone or few. Spores spiny black winged. Root set straight on each leg. Hair long 5, diminishing to 10, Aug 12, about 13. Red or orange & tan on back a pale side. The lower & very winded all red have late fine plants, those in 10 a set of hair before. This June 19 Hd. long, high, running above, below, under, inside large plants. Hair, white, orange, all tan like man all down and in line. Hair tan 11-12. But May 1898. And no 15024 "below" This is obviously *Lathyrula portoricensis* ^{very} species

± 15 Nov 15/1898 "not"

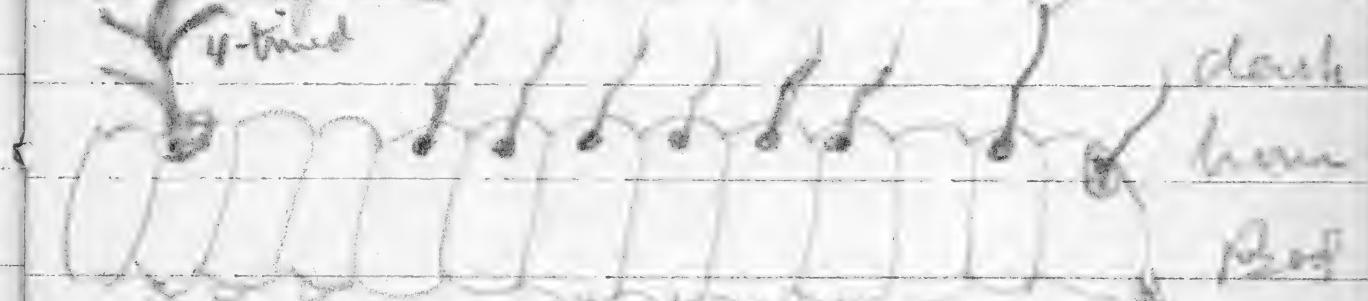
Legs on under side black not tail. Bulb L 3 June 6 1897. Less than semi-pubescent

flat at base, clean pale green, not shiny and of equal. Hair 1.2 mm, height 6 mm

Rib median longitudinal, narrow on resting the side casting shadow and the rest never disturbed on the side toward light

Hatched from 14 Little hairs, 1d from each

4 times



when red, yellowish or brownish can be

11 d. feet & leg plates dark and feel up.

How long 5, diminishing to 10, Aug 12, about 13.

The lower & very winded all red have late

fine plants, those in 10 a set of hair before.

This June 19 Hd. long, high, running above,

below, under, inside large plants hair, white, orange, all tan like man

all down and in line. Hair tan 11-12.

But May 1898. And no 15024 "below" This is obviously *Lathyrula portoricensis* ^{very} species

± 15 Nov 15/1898 "not"

Nov 15
1900

on the side, old foot prints, a few patches
representing tracks in mud (Fig. 6). Later a
poles & line is indicated running north
west on the

Figures 5 to 15 & that line tipped to
show greenish yellow line front white
head with borders or distinct (no 20)
brown all filled in with brown and
dotted with 7 and fourth 1, 2, 10.
Sheep weighing 2.3 x = 263 had a ready
down feathers guttata Ghor Shet.
(But is old)

647

Five mounted on white oak, Bullock
L. S. June 9, 1917. Hd. below lower
dotted with white, a black patch
each side clasp with a brown shade
of behind and narrow or single
yellow whitening above to meet on
slight pale enclosure in neck
in 2.3 m. body on one head, a little
greenish tinted a area of large red
breast with patches 2-14 on them
covering all of chest, others in it, on
abd. i-iii (somewhat transverse) and
white of anal plate. Throat and
breast white; after removal single
distinct bit fine, pale brown well
separated and all present.

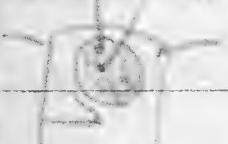
new at 1815?

Yes!

648

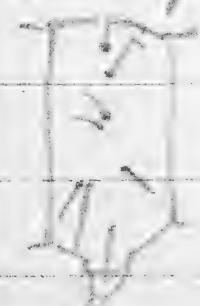
Populated or Intercid resembling 639 a white with preceding but on successive ant
oak leafnut I. I. on gray leaves. Hd
white, variously spotted with dark brown.

 w. 1.2 mm & the remainder rounded
 of the large spot at the sides; and
 round cupulem 5d black spot on
I and they are in 4 and 13. Body brown and
white. Dorsum white with germinative fine
brown d. line and black i and ii. A very
brown brown lateral band reaching to iii
extending a series of white dashes, divided
in p. thorax; II + x, black, no marks below
the region white with feet.

 Intervals all black, others not very
fine white.

649

With preceding but on successive ant
the same, slender, wlb slightly tuber-
tive on the young leaves. Hd a large
smooth shield like sliver streak. I mm
The foot black. Body brown & white but
different. a double brown lateral line
the bases well separated (3d, below) &
and superstry, iii) but connected by reg.
oblique lines, the 3d pair also connects
over dorsum by a broad irregular band
in the center of each seg which arches
Intervals i and ii white white and
plate nearly black. Tubercles very small,
darkly, active pale. Joint 3 extends clearly
from the end edge of white and on 13



650

Like 649, same but 3 white ant. instead of all brown, 4 also white ant. Three straight brown lines on each side, red dorsal (above i) and ventral (below ii) distinctly (below iii), rest the rest white. Thoracic (red head) and large oak black. w 1.1 ±. Tarsals mostly black, setae white.

Act July 7 1997 cat no 12827

$651 - 534 = 25$

Epilob leaf white oak. Received 7/7/1997
 2 abdominal legs fast, slightly shiny white, rest
 grey or grey and not very granular. Rest hexagonal.
 moderately distinct regular, all hairs dark on
 the light sides. D. 1.2 H. 7. Like 646 but white
Hatched from 3 act gray, like like Madata.
 Setae pale, no tarsals, no another else
 darker. Head a shade more testaceous than
 body, large, higher than 2.
Shrub pool 18 H d 1.4 (St. 3d.) green with
 yellow oil lines. See 534
Shrub June 23 H d 2.2 (St. 1d 1.4)
 (but Madata, but it not)

652

Skiffa or hickory in folded bone

1897 to Brewsterian L. I. juv.

12 1897. Egg O with 16
flat large ribs and few
minusc. rows strong reg-
ularly spaced. D. 8 laid on offe side
shell white. Yolk Hd. 4 orange, sharply
rounded, slightly lobed, the simple curve
white above with enlarged tip. C. 5h.
small faint orange. Body greenish yellow
a few very bright, says 5-greenish skin
punctured, setae white, glandular tipped
and ii punctate. joint 2 not small
(do not see vili on thorax or abd.)

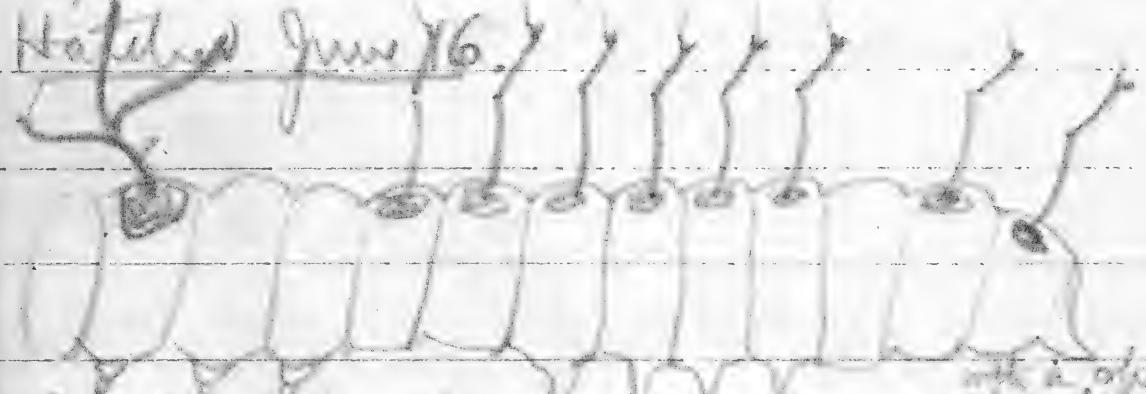
Abd. June 6 Hd. crooked to 3d, large black, rough
rest small, rest all other yellow. Rest 6d.
Abd. ant. numerous short 2 setae with broken
P. tip, white. Hd. 6 Roof esp. first mounted, not
flaring, no wrinkles, neither shield nor plate dif-
ferentiated. (downy)

See Packard 282

Rock

$$653 = 110 \div 64$$

Horn? egg in birdbox New Haven L. I. June 12
1917. ♀ oval regular, large, semi-glossy & pale green, dull, not shiny. D. 1.4, H. 7 mm. Its most regular hexagonal the pit rounded caruncle-like, giving a shine to one side as well as middle or light sides; edges not sharp, pointed rather than reticulate shiny being not rather sharply angled. Hatched June 16.



Regular "horns" in 3 times a 5th line, and all the 11, 12, 13 of equal length, there i 5-11, 12, 13 of equal length.

Horn? plate been very yellow and streaked with brownish red on the sides and around i 5-7, 12. Anal part orange long. Hd light brown.

Some reticulations usually in the place, and the side faintly fine streaked in red lines. Hd June 20 = 110 (Horn 28) (Std June 15) Hd 2.2 ± (Std 1.2) Horn? pupae ↓ (Std 61)

July Aug 3 1897 Cope's Holothuria undulata
654

Very large Notodonta? egg on black rock (G. tintana) Cope's July 3 1897. Slightly less than twice placed, hor flat, 14, t. 6 mm. around the base, the whole top covered by a very large, irregular edged brown brown patch. Sets had short flattened and shiny being not rather sharply angled and somewhat irregular. Cell area not shiny. The pigment is in the egg, not laid on outside. Very pigment broken up by pale hatched areas. The head not striped on the very large as brindled (653) Hd. 5 green, slightly yellowish, a very red but in a way purple dorsal band in 5; a band among containing a lot. of green color, a faint white red ring on 9 and a band on 10 and 11 like the one on 5. The ped black, legs and anal fl. dark brown. Horn in 2 aw, the

shrubbed by many dark trees in valley east of lake. Ind. 11-12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 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985, 986, 987, 988, 989, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 10010, 10011, 10012, 10013, 10014, 10015, 10016, 10017, 10018, 10019, 10011, 10012, 10013, 10014, 10015, 10016, 10017, 10018, 10019, 100110, 100111, 100112, 100113, 100114, 100115, 100116, 100117, 100118, 100119, 100111, 100112, 100113, 100114, 100115, 100116, 100117, 100118, 100119, 1001110, 1001111, 1001112, 1001113, 1001114, 1001115, 1001116, 1001117, 1001118, 1001119, 1001111, 100112, 100113, 100114, 100115, 100116, 100117, 100118, 100119, 10011110, 10011111, 10011112, 10011113, 10011114, 10011115, 10011116, 10011117, 10011118, 10011119, 10011111, 1001112, 1001113, 1001114, 1001115, 1001116, 1001117, 1001118, 1001119, 100111110, 100111111, 100111112, 100111113, 100111114, 100111115, 100111116, 100111117, 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another cream patch 9-12 with scattering black hairs, & a patch of pure black, dovetailed into a broad one below 12-anal plate, and just up.

2 double, with some white & a crown of glandular tipped hairs and central long setae, 2 sets in 1-III block, 2 then block in spots, white or white mixed. Hairs 3 in pale red glandular. Legs short & broad except behind, heavily spined & later marked white. Greenish grey in white & patches on the palps
eggs with 25-30 white & brownish spots in front of the mouth & many others down the posterior part.
2-4, 5-9 II-IV with 1 band 5d long, evanescent white spots peculiar in 6-8 above. Legs shorter.

Next come some Lecanodes 2 brown yellowish green
sh IV prus 9 Hd 1.5 square. Dotted, apical reddish green
white & large black at the front and on the
sides red, yellowish, down below in all shades of
dark brown, twisted 2-45 5g 12, the other 30%.
Yellow is a darker pink & blue! Hair black & white
yellow, but it's not too common trait and likely glandular
reddish now & colorless with the marks. Fall down
more brownish, tawny bands, between gate 4, 5d, the yellow
bands around 10, 3, 6, 7, 10, 11, 13.

I found 10-12 which with their mottled dots
hardly suggested mites to 4 faces of put white on the
infused spruce light red. Body grey finely
spotted the front legs, yellowish red, the middle
and rear markings blackening. Yellowish dots
at end of 5d lines, tawny few last 4, alternating
with the white or now yellowish 1 with a few
sparsely blackened. White lines at skin
surface, few [cf. Urolaelaps]

leg 10-12 Hd 3.5-4.5 Tawny 1-2d. Pale 4-5 Hd 5.5 Same. (Hd total 4.2)

grouped in same Urolaelaps page 16
(taken from above)

29 July 8 broken 23 Range June 10-15
In 636 (left) 108
In 636 A 136
In 636 B 78 67% out

$$656 - 256 = 121 = 12A$$

Lecanodes gemmata (germinal) not seen even
June 10 1877. Night 10-11, 11-12 nothing can be

said at 9:30 P.M. Night 12-13 less than a

2 P.M. in 100, no mites, esp. night 13-14.

1 red and fly with other mites.

Egg. Rather scarcely elongated, testa
smooth, translucent white, a glass through

slightly like a web of the web of day, 1-3 x 7

1-2 mm. Pelt. rather thick all over, stiff

very much rounded like winter coniferous

sheath but carrying a little air space

the elab testa gray or translucent center &

surrounded by a translucent narrow zone

belonging to a smaller course th. Embryos 6-26

Hd golden yellow reddish brown

before hatch June 26 about 1000. Reddest,

black tail reddish, spine

all 4 red with white

3-4 small, translucent whitish. Spine translucent

short, clubbed tipped ① 3, 7 of hairy out

and ② 5-6. 2 not much thicker &

longer coll with several setae. Spine

656A another nest found. Laid right 13-14
with ♂ present. laid eggs right 14-15 but not
till about 25. June 15-16. This hatched ^{same} day 27.

1568 Newell & and from 17. Started night 17-18

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17. " Mean face. Great Britain.

4. 1.4 east White of the hill - as (Aug 19)

the water is now fully recovered. The bone is the same.

With all its difficulties, our new government will work well enough.

35 miles July 3 first snows 1000' up hill

13. A small moderate, I think. Grade now a
good Friday morning, the snow & clouds
all gone.

440 lot grabbed. 40 articles, 2 bushels. Set aside.
1000 m. United long plant (winter) 2 m (?) and others

-14- At 1045 hrs. on Sat. 6. 4. Stein called
and stated that he had just obtained

1930-10-05 - 1st year categories never
"old" proteins into 2nd class. Described this kind

water, Da Rigit - followed by
the entrance & garden and we get all these

Jeff Julie & Valerie left for the airport.

2200 ft. and plan, approx. 3.0% grade, treated
1500 ft. Subsequent elevation 1000 ft.

Small tubercles are also found on
the ventral tubercles, the other tubercles
being smooth.

It has a broad flat and sharp pointed base.

tremendous white green, a faint
white line made each side ridge
not reaching the extreme. This
covered with coarse, granular
coral gravel, no species visible
was on the top side - several
open small, shallow, not
shark edged, smooth in bottom.

~~the 18th of May 1901
Lambertville, New Jersey~~

~~Interstate Park Board, etc.
Long distance telephone?~~

the following documents

nest of reddish-brown sand
which was white irregularly

Legend of map above.

the last vegetal period.
the last, rather small
coring the older, and

July 26
1897

Blue tit 3-13 and dark eyes (Wests)

6572-294

July 4-11; Medit. mid-continent. Sheep in Arctic in the Arctic sand dunes
tundra, near caribou, go to the old snow and Birkhoven from K. Rock upon
of St. Paul, D. buttes along the back hills, dark gray, white and plate. Pink. Has
yellowish streaks small and thinner, greenish
yellow, red and white stripes. White face,
black wavy hair, black on white dots
[called by different people] black dots
markedly taken back with white, downy
dark dots. Sheep about the same but

such as *Opuntia*, and *Mitchella* which

such as before as white cloth.

I want you to write about what I

End with a short saying like this

Waves, clear, after the storm.]

He first went and lived in the

With the Govt. Pleader & we have

and light a cigarette.

arranged it for "winter" by Mr. H. C. Brown.

and greenish, still pale and thin.

65

Egg laid by ♀ *Chionomus dimidiatus* from
Brookhaven July 18, 1977. Elliptical, later
shovel-like pointed eggs with
more elongated pyriform than those.
White, made of shiny but brittle egg
white, about 1.2 mm, bright white &
yellowish-green, much rounded,
bottom of ventral side circular. Hatched in

Red vented black bird, dark greyish feathers,
greyish white below, strong pale yellow
feet, black combs over nostrils &
long white hair, a patch of hair from
the back to the lower back, colour
black with fine dotted skin, the
downy back has a light orange tinge,
thin legs with black & white

$$\underline{657} = 653$$

Upstage eggs Q. concava, Petalurus b.
Benthos Jan 19. Lure provided a clean
flat, destroyed 45-50% of the eggs at once.
eggs were unaffected during day 2 of
Q. 1, h. 3 mm (Lile 655) measured without
Hatched Jan 21. Like 655 gr.

$660 = 655$

Apotela egg on Quaker Inn bower. Found by Whetstone egg on Quaker Inn bower, covered, outside.
Linen wire & flat at base, 45° - 50° and a low, flat at base, brown, white + 60° bottom
rather curved, many, no cov. above. In a sub-crofted dormitory, the ridge headed
ridge wire slightly wavy. Bits obviously fine each other many no-cov. stones.
Sister bird was replaced June 8. New brood were irregularly spaced. D 1 H. 3
hatched July 1. Hatched June 21. Like 655. Hatched June 21. Like 655. qd.

In the dark underparts, mostly white. Throat June 25 like 655 II. Zosterornis I like 655
to the age with. Sides in black, rest pale. Throat June 20 hot & like 655.

had just 15-16 ft from date of nest. All

like 655 II qd. [was more gray on
the top. Hatched June 25, mostly white, the
dark underparts indicated in faint shades.
[A little pinkish]

Throat June 29 hot. Sun like 655 II and III

hot, always as above, the brown warmer than
it was at first. Standard, short, straight,
a little longer (or) and at ends. Bill also
at the base. The upper mandible straight
and slightly upturned. The lower mandible
slightly down turned.

As we went up tree now, he (as I mentioned two others for him) is thoroughly
street. Feeds fast + in great noise. The + a good deal black on top. His moustache is black at base
dark hair with basal black. Most striking

$661 = 655$

(but not)
in large hot gray areas which are 1. Dark
brown streaks of streak, very red and broken
at pointed bunch. Eye region pale brown
becomes darker, obscuring connecting bands.
2 spots 2 front, clearly defined, clearly distinct;
gives way of white the sun June 29. Zosterornis
Hot brown. L 8.5 W 3.5 H 2.2
Toothed wings 6.7% and long dark purple tail
claws color of dead roller because

A few of them have very short and
all solid brown vent areas very
purple. Poll and nose are black but a faint
indication of white. Chest + abdomen white
with black dots. The legs white to Dan O. Ad 1.5? (selected
as it would be best to look at next year, as I mentioned two others for him) 2. thoroughly
street. Feeds fast + in great noise. The + a good deal black on top. His moustache is black at base
dark hair with basal black. Most striking
as created, dark reddish, a slight orange
tint on the sides + above set very close.

June 26

66

Aptole eggs and larva studies, lar
rounded, trans. white. D. l. ft. 25, ratio
cavell, & so widely subsupflexed during
scutell, raised spiracles at an angle
which is reticulated. Not, without min.
Hatched June 27. Color pale green, 1.5
width 3 mm. Setae black or blackish white,
single by mouth plate, others brown

shed June 27. Whorl, 1st pair, 1d 5 mm. low
conic, 2nd seta very long & small, smaller
tipped black, 3rd & 4th off to open & 2. Central
seta is black, all else white.

shed July 11. Only two a day, total tolerance
time 3 days, or 8 d. white line found in body
before 1st larva hatched 5 1/2 mm. first pair of
setae small being elongated. After
shed July 11 d. 2.2. See hairy streaks from mouth, a set
of 2 slender, pointed spurs, yellowish-brown & bent &
pointed, with brown streak of 3-5, the edge of
body, meeting at. Then 3rd & 4th, last pair of
setae. No regular hair. 3 1/2 mm with clean body shown
striking but very short & thin streaky. 12 hatched

shed July 9. Black with red dorsal line
4 dashes 4-11. Edge velvety. Black. 1d.
black 3.6 mm. Wait 1 block, next pale with
gray hair. Also first distinct long & thin
from transverse.

663 = 646

Notid mts off or Q occurs like 646 but
slimy and with larger reticulations. Dorsal
cavell, 1.2, h. 1.6 mm. father, rounded O distinct
anale at base. Not transposed, sliver
pale green, translucent and looks rather
like a drop of water but opaque. Ret
large, distinct & narrow, longitudinal, dark
in the bright side light ($\frac{1}{2}$ in off) while
the flat cell areas are shiny.

Hatched June 26. Larva 1 m.
widely divergent, the right end as in 646
4-horned with a 2, 5-10 if from unfertilized
plate, the left oblique post; 12 pair paired
plate, legs, white post; 12 pair paired
plate, legs, black. Legs common red
a look light. 11 d. 1d. had highly rounded
head like a 3, m. 5 mm.

shed July 11. Brown with darker brown
vertical band. Body brown, and a wide
streaks 4, 7, 10. A narrow white & thin
and greenish one broken at 11. Head

Call 25 H 58 S3 1.17 2055
(Probably same as 747 q.v.)

On the upper eastern line of gravelly
plains (at end of a gully) about 64 m.
above sea level 5. Weight 1.1 lbs.
(and probably)

[15 Aug 28] A short 15, head 1.8 m.
and back blackish brown, with a large
white patch over eye, rest black and
almost variegated, deeply shaded brownish
and greyish, some of the dark shaded
bits greenish with touches of yellow. Total
back slightly brown reddened by a series of
long longitudinal stripes. Head of the long
reddish & lighter colored parts from which
which surround each D- δ , D- δ on the back
there (2) are found, next sternum brown, so
very slender and delicate. Some yellowish red
as well as the greenish yellow on back and of
D- δ orange to reddish or yellow - not just
reddish like others but all brown
just like a cock. Nearly black, brownish in dorsal
stripes, brownish black on sides. Ovipositor
black, mouth area reddish brown to black
brownish. Hind legs white to very
slight brownish the last fingers black
with a white middle band especially
those to front legs with middle 13 x 6 mm. with large brown irregular transverse
lines between them and others fine.

664

Tiny cuticle off a Palaemonid larva
Larva, Jan. 21 (19). Yellowish, shiny, trans-
lucent pale yellow, mouth close and on
the green leaf showing on either almost
like rock shell but transversely mostly
with coarse reticulations, line from dark
on the bright side, the cell lines showing
D. 6, h. 4 mm. Dorsal on back & back
also on chestnut Port Jefferson L.I., Long Is., N.Y.
Hatched purple, lighter underneath, ventral
abdominal part of body, very small & not much
I.R. At point of heart, capsule must
open. Body entirely in a crust enlarged
first by transparency, which has black
1-4 mm. apart, after desiccation
and into smooth pale brown skin
about 10 mm. wide and 6 mm. high, with large brown irregular transverse
lines between them and others fine. with the head loose & pale slightly
folding them together (Fig 2).

IV
Top 1/2 & 5 bands above and

Anomia badia (L.) Ed. U. The Step. 18

Calc. .57 .82 1.17 1.67 2.38 3.4 10²

Car. no. 511

brown with trace of brown markings.

Head and dorsal brown, a dull greenish
yellow and brown markings. Dark brown
hind legs, ventral wavy and tan line
extending dots are mostly irregular dots,

yellowish line between them, black markings
between hind feet, middle tipped, 1-81
yellow body dots, several, is a tip foot; vi
the few red dots are slightly tipped. Ventral
area, is slightly enlarged, length 6 $\frac{1}{2}$ cm

width of head less than 1/2 width.
Total 16.60 and have a translucent mouth

and a dark brown body with dark brown
markings.

July 22 Holo. Old female living off shore
slightly translucent with dark brown
markings. Body with dark brown
markings. Dorsal brown, a dull greenish
yellow in middle vi with white markings.

665 Oct 1898

Two spines in white oak I collected. The
rest white transverse, others red white soft

hind legs, ventral wavy and tan line
extending dots are mostly irregular dots,

yellowish line between them, black markings
between hind feet, middle tipped, 1-81

yellow body dots, several, is a tip foot; vi

the few red dots are slightly tipped. Ventral
area, is slightly enlarged, length 6 $\frac{1}{2}$ cm

width of head less than 1/2 width. Total
area, is a tip foot

16.60 and have a translucent mouth

and a dark brown body with dark brown
markings.

July 28 Holo. Same body and greenish ventral
area, is a tip foot

area, is a tip foot, all white 5-11, 18-20, 21-22
single hairs, vi with several long hairs. No 2-3
except front 5-6 or 12-13 (cf 608)

July 5-6 Ad. Holo. Same body and greenish ventral
area, is a tip foot, all white 5-11, 18-20, 21-22
single hairs, vi with several long hairs. No 2-3
except front 5-6 or 12-13 (cf 608)

July 5-6 Ad. Holo. Same body and greenish ventral
area, is a tip foot, all white 5-11, 18-20, 21-22
single hairs, vi with several long hairs. No 2-3
except front 5-6 or 12-13 (cf 608)

July 5-6 Ad. Holo. Same body and greenish ventral
area, is a tip foot, all white 5-11, 18-20, 21-22
single hairs, vi with several long hairs. No 2-3
except front 5-6 or 12-13 (cf 608)

got 2 more eggs also in *G. tristis*, same but all pale whitish green. Both in very acid soil appear no pink appears red.

The long one except interval is absent in upper *G. tristis* but below, disappears but violent. Skin spines up & d.

Flat base with distinct vertical wings, dim. July 26 Ad. ♀, all pale whitish, body
tunicae above and ending by broad, pale, whitish, pale dark, against which a white
triangle of ff near midingle, number 28±5d. Hair in dotted fine dark red dots
moderately distinct, each regarding a line as before. Most pale, longer rounded up
at outlet of last rib and one on each side as much in orange like, tail very
curved slightly hairy, the curve not foreshortened. No present. M. w? Hair black, white
dots all equally distinct. Red smaller than pale. Hair on tail gone
at midingle. Pale whitish green, a black dot July 5 Ad. 1.4 Red dots fine band
at vertex and narrow concentric ring to base, with white margin = 119 (fusilli)
margin of hyponome. D. 9 h 45 mm. Red dots indicated on 5 c. 6.

July 23 Posterior two leaves bright red
a few darker ones. Hair and leg pale.

long, but rounded whitish 5 mm. Red whitish
hair from first, 1st median and a few of
red dots (yellow) 3-7 whitish, anterior about
about 7. Hair long white esp. long at the
ends.

Many brown spots
present, hair black
white, speckles

Ridge June 23 - July 2
50% out.

667 ± 252

Rocky slopes (slopes) 29 out June 21

17. Mated right 31-34, esp 38-45

Electrical plot 16 x 1 m. colorless

Wanted broadest, Retained on south

wooded Gardner's manor, revised.

With bright light (2nd obj) with green

leaf behind they appear as manor black

but behind a bright area in both sides,

the black areas develop grayish ✓

1. Bright July 5-6 just like Pomerata

sun on 3, 221. 4 11-1, 5-13 11, 13 2 all

black, irregularly fringed tipped branches ✓

Very short, feel distinguishable as little

protrusions. Electrical, rugged, down

and wide spaced, 5-6 ft. round Ridge

smooth, outer colorless. Rock, shiny, often

smooth, colors temperature, post green

heat convection ✓

short July 11 shiny and shiny, rock white

and tinted with green, brownish etc.

667A ♀ out June 27 mated 27-28 with 868 same

day [29 & the days without mate left bright]

1. Bright 3-4. Tinted rock 9-10 dark

667 sample for reflection, various, the last

666 9 est 60% bright, Gardner's Ridge

" 8 1/3 " L R

" 10 " " 8 1/3 " bright, wanted to make it a

" 11 1/3 " 11 1/3 " after 2-3 h. 100%, wanted

" 12 " 12 " " mixed red & black & black

" 13 " 13 " not at all separated from the

" 14 " 14 " " made several open lines

" 15 " 15 " " still some separate, and

" 16 " 16 " " gathered on the ridge. The bright

" 17 " 17 " " " " " " " " " "

" 18 " 18 " " " " " " " " " "

" 19 " 19 " " " " " " " " " "

" 20 " 20 " " " " " " " " " "

" 21 " 21 " " " " " " " " " "

" 22 " 22 " " " " " " " " " "

" 23 " 23 " " " " " " " " " "

" 24 " 24 " " " " " " " " " "

" 25 " 25 " " " " " " " " " "

" 26 " 26 " " " " " " " " " "

distend. carmine surface on last ridge. All money reddish, over which appear
of their surface and outside around deep depression leaving small white
bits on all low carmine clear ground on last ridge.
Surrounding over the double deep spaces shot away. Small reddish pink.
When they are opened down, turn to very creamy white & lime, no pigment. Their
surfaces almost uniform but small dots greenish, whitish or red. Sets on abd dark
appears. They give the fringed appearance. Shot away. Nice way to skin. Under chen-
space broad, not narrowing and last ridge the greatest. A place where 2 of sets
are visible, transparent, blood can seep through, white sets appear
here and no pigment. Numerous narrow
shot away. 1st ridge is whitish and
2nd reddish. The last ridge is
brown, elongated, translucent before it turns
brown and translucent in the 3rd space, upper a little greenish
blue. Fringed whitish, pinkish, and white. Last ridge is reddish.
and a slightly above, almost whitish. Aug 9. 1931. Aug 12. Found numerous green
without pigment, pink with pinkish. 21 to 25 mm. to 28 mm.
above of green tinted from pink; on down
abdominal dot under the 3rd ridge of each
ridge, few scattered hair. Sets also
made distinct. Ground pink, over
dark carmine, last small reddish pink.

Ridge June 28-29

\$3 / mt

668 - 239

Under boat at June 25, with 3 eggs in cage last evening. Hatched July 27-28
 25-26 Red Barn off Boston 16-27 Eggs 27-28 Egg right 28-29. Core Hatched July 5-6.
 elliptical, orange whitish, 12 x 7 mm. white a 668 B ♀ in cage with C right 26-27. Clean
 clear and half not very smooth obscure, yellowish. Hatched night 27-28, 28-29, 29-30 (taken)
 velvety granular. Hatched night July 6 668 C egg in cage in under cut from 28. The P.
 5-6. Mouth separated by a vertical, whitish, right 28-29 outside cage, a thin ridge apart
 above white. Mouth covered below, firm. Egg by both night 29-30.
 breast to fore, back to front. A lot Hatched July 6-7 back solid
 above mandibles flat, neck hollowed, O clean out. 13 bars 2-3d after simple
 ridge slight. No bars except a large and for C very long straight fine bars
 made up in the head which consist of whitish and three times as long as the
 a few patches of pigment below the bars of pure white. Skin smooth, slightly shiny
 and shiny with no hairs, fine and mostly 668 26-27 668 C
 specially on top, the anterior 3/4 pinkish, pale yellow below, well hollowed above pink below
 with brown, pale around it. Sets on long, " 8 " 1.1 " 1.1 out
 with enlarged base 11, 0.4-1.2 with distinct " 9 " 1.5 " 1.4 out
 side pores, + length of other back 2/3. " 11 " 1.8 out (out) 19. A white band beneath
 enlarged and stiff, basal 2/3 setae with, " 12 " 1.7 " 1.7
 white. Operculum and mouth (in 3) 2/3 " 13 " 2.2 out
 with 4 Y-2-1. O 3-5 transverse 5, 7, 9 and 11, " 14 " 2.6 out
 spine bundle in posterior,
 not transversely whitish, with
 clear transverse pinkish

Rate	L	R
g-56	9	not b. out
" 7	6.1	out
" 8	12	out
" 9	1.5	out to flat
" 10	"	
" 11	1.8	out
" 12	1.1	
" 14	11	to flat
" 15	"	"
" 16	2.6	out
" 17	2.6	out
" 18	2.2	out
" 19	3.0	"
" 20	3.6	out

late very fine tubercles
followed a long period before
by a white band between
the two dark bands.
Spring berries are perfect,
not much smaller than
the changed part as in
M. virginica.

Shed July 10-11. Late in the year, a hawk. A G. was in C. ridge (Mt. M.) last Saturday
flew over a hill top, high with a white green center.
Wrote him along east ridge. Sctae dec. But July 24, lavender, spruce on ridge, red
back, black. Hair mostly open com., long, white green, front yellowish, edges
becoming brown & older on the ridge. dark above, round meeting at back
of head space. Head indicated. Bill pointed at end by black, red
slight. A very distinct green saddle. Hair as white spots. Extent of white
at end to end. Green & red comb
was round tail with green center. Red hair white, distinct. Angle getting up
scalloped lavender. Very sharp points to
pointing sctae back. Side parts mostly
brown green. Dusky green, O ridge,
not few at start. Red around, skin

	R	IV	Forest floor. Entering whole area seen, following a white feathered drift sample to left with ceiling a clear dark brown to the far yellowish line which is found distinct from the dense wet ground on the right.
27	5.5	cut	
28	"	"	
29	6.0	cut	
30	6.1	"	
31	7.0	"	Under to the far yellowish line which is found distinct from the dense wet ground on the right.
32	7.6	"	
33	8.4	"	
34	9.0	"	
35	"	"	Secondly dense wet ground on the right.
36	9.9	cut	
37	9.1	"	Thirdly same, same as above

669 = 558 C

With code L on chestnut. Brown back, wing.

July 3 1897. Egg shell, no final feather

bl & y, skin colorless white. (and no note)

Front & black, differ from T pallidus in Y's

being uneven and all in line or rows of

20, not distinctly alternating.

Front & black, broad, elliptical, tail ends.

On 1st 100% bill colorless, skin smooth,

replaced with paired d. rays. Setae pale,

brown colorless, eye black, retinaculum, 2 rows, all

retinaculum. On front 4 rows fine setae. Eye not

black, but yellowish brown. All bracts & Y's

yellowish brown. A few hairs on peri-limbs.

On 1st 100% bill narrowly elliptical, tail

rounded quadrangular, 2 rows

" " " " flat & broad, ridge sharply

" " " " angled, mouth regular, all the

" " " " delicate! sharp edges and very

" " " " distinct. Side creases, tail with

" " " " mouth, 20% were rebarbed.

Covered with smooth down, first few of bracts

purple, no others, not purple anywhere

over a lot more. Setae absent. All a pair

of orange whitish. Dorsum black with broad

bands on lateral ridge. Two abdominal rings

laterally whitish pale green.

Front & 100% bill, tail, elliptical, sides are

black on the dorsal side, white on the ventral

side and a faint vertical 3-43. Tail about middle

white. Dif. above very distinct, O.C. by top

covered elongate, dark deep edged. Lateral

ridge bordered on both the clear uppermost part,

at the narrowest part with 14 faint white marks

more, bottom & lab white. Hind quads dotted

with yellowish chat-like spots. Color all

pale green, slightly mottled by the green hair

gathers upon them. No mottling below.

Setae & 100% all white hair on the abdomen.

Front & 100% tail as solid black as above.

But this one was mostly black below, with

black and white transition to O.C. (not rebarbed)

brown green, and white a light brown
chocolate brown ground, back yellow
3-13, and tan dots 8, 9 at 1

(670²-559)

abdomen in electroph. = *Litomastix* +
red like July 2 (V) - 2-3 times as thick
as 12 described (see 559)

the all smooth, a faint brown patch
down 5, 6, 7, 8, 9, 10, 11 with a star, the
longer and shorter short hairs
lifted from back in shades of pale

to the red, while several smooth brown
warts come, reddish, emarginate

the labrum pinkish yellow, a band
above below like each hairy. Body green from

the standard around edges a white spot like
encircling each - with distinct 7-10 when it
comes to form a line of white. Slight tuft of
hairs above a 5 and 12. Hair long and sparse
with many reddish short ones longer pale ones sparingly
scattered in white part of pinkish spot a dark velvety.

Off white of hair, pink 18, blue 5,

greenish purple & many tan or orange and

the 12 dots round the angles noisy. Vomer
dark brown, reticular, salt & pepper white

silvery or silver greyish & tinted 5 to
brownish and 12, of white blackish tint white, not so
long single, sharp smooth, thin bluish, 12-14 white

July 8 1914 pale yellow body, greenish color
in sun, silvery, whitish to coppery

long green & brown body, a large black brown patch
1-11 & 12 & a fine trace further up the
in dashes or dots in the pale segments,
pale brown the back, last pale, pink with
tiny dots (2 pairs) and cluster of short & white
dots of yellowish, coniform with marks.
Pale white tail like very distended, shaped
in outline of the anal, dorsal band

Molt of 14 $\frac{1}{2}$ to 1.4 (Sh. 11.8) = 559

Calc. 33.45 76.116 1.75² 2.66 4. ret $\frac{66}{101}$

Front 3.45 8.12 2² 3² 4.2 (8857)

T. testacea 671

Cohen Station, Port Jefferson L.I. July 2, 1877

671 A Dr. step I a regular Y-hock like red
edge 13 cut across the Y hock large and strong

671 B " 14 " alternating colors, limits equal.

671 C " 12 1.6 cut & shell white like brown.

671 D " 14 2.4 " Shallow V-hock with red and black

edges and all the line grades (?)

671 E " 15 2.6 cut & yellow, borders greenish brown

671 F " 16 3.1 cut & yellow, pencil, no red

671 G " 17 3.6 cut & red, greenish in center

671 H " 18 4.1 very large red red patch 6-8 mm

671 I " 19 4.6 " yellow edge, red edges, a few

671 J " 20 5.1 " yellow edge, red edges, a few

671 K " 21 5.6 " yellow edge, red edges, a few

671 L " 22 6.1 " yellow edge, red edges, a few

671 M " 23 6.6 " yellow edge, red edges, a few

671 N " 24 7.1 " yellow edge, red edges, a few

671 O " 25 7.6 " yellow edge, red edges, a few

671 P " 26 8.1 " yellow edge, red edges, a few

671 Q " 27 8.6 " yellow edge, red edges, a few

D	E	R	671 B = 558 C = 669
Jun 14 cut	1.4	1.4	
" 15 "	1.6	cut	and 671 C but more narrowly
" 16 "	1.8	"	slightly not filled out. All are
" 17 "	1.8	"	from pale green, no line between
" 18 "	2.3	cut	absolutely undivided. Just
" 19 "	2.2	"	distinguishable as little black
" 20 "	2.5	cut	spots. Tail rounded quadrilaterally
" 21 "	2.4	"	scarcely notched. Behind first
" 22 "	3.1	"	tail divided, the ridge are complete
" 23 "	3.4	"	but the middle structures are seen
" 24 "	3.4	"	as in 669 but the 669 it has color
" 25 "	3.4	"	the tail yellow line on ridge O. On
" 26 "	4.1	"	the 669 the body yellow, the red
" 27 "	4.6	"	small red and orange, the red back
" 28 "	5.1	"	as above with orange (?) red and much
" 29 "	5.6	"	yellow green line (?) on ridge O.
" 30 "	6.1	"	yellow and orange to red on ridge O.
" 31 "	6.6	"	tail 3.8 mm. 671 7.8 is 7 mm and 671 7.9
" 32 "	7.1	"	tail 4.3 mm. 671 8.6 is 8 mm and 671 8.7
" 33 "	7.6	"	tail 4.8 mm. 671 9.1 is 9 mm and 671 9.2
" 34 "	8.1	"	tail 5.3 mm. 671 9.6 is 9.5 mm and 671 9.7
" 35 "	8.6	"	tail 5.8 mm. 671 10.1 is 10 mm and 671 10.2
" 36 "	9.1	"	tail 6.3 mm. 671 10.6 is 10.5 mm and 671 10.7
" 37 "	9.6	"	tail 6.8 mm. 671 11.1 is 11 mm and 671 11.2
" 38 "	10.1	"	tail 7.3 mm. 671 11.6 is 11.5 mm and 671 11.7
" 39 "	10.6	"	tail 7.8 mm. 671 12.1 is 12 mm and 671 12.2
" 40 "	11.1	"	tail 8.3 mm. 671 12.6 is 12.5 mm and 671 12.7
" 41 "	11.6	"	tail 8.8 mm. 671 13.1 is 13 mm and 671 13.2
" 42 "	12.1	"	tail 9.3 mm. 671 13.6 is 13.5 mm and 671 13.7
" 43 "	12.6	"	tail 9.8 mm. 671 14.1 is 14 mm and 671 14.2
" 44 "	13.1	"	tail 10.3 mm. 671 14.6 is 14.5 mm and 671 14.7
" 45 "	13.6	"	tail 10.8 mm. 671 15.1 is 15 mm and 671 15.2
" 46 "	14.1	"	tail 11.3 mm. 671 15.6 is 15.5 mm and 671 15.7
" 47 "	14.6	"	tail 11.8 mm. 671 16.1 is 16 mm and 671 16.2
" 48 "	15.1	"	tail 12.3 mm. 671 16.6 is 16.5 mm and 671 16.7
" 49 "	15.6	"	tail 12.8 mm. 671 17.1 is 17 mm and 671 17.2
" 50 "	16.1	"	tail 13.3 mm. 671 17.6 is 17.5 mm and 671 17.7
" 51 "	16.6	"	tail 13.8 mm. 671 18.1 is 18 mm and 671 18.2
" 52 "	17.1	"	tail 14.3 mm. 671 18.6 is 18.5 mm and 671 18.7
" 53 "	17.6	"	tail 14.8 mm. 671 19.1 is 19 mm and 671 19.2
" 54 "	18.1	"	tail 15.3 mm. 671 19.6 is 19.5 mm and 671 19.7
" 55 "	18.6	"	tail 15.8 mm. 671 20.1 is 20 mm and 671 20.2
" 56 "	19.1	"	tail 16.3 mm. 671 20.6 is 20.5 mm and 671 20.7
" 57 "	19.6	"	tail 16.8 mm. 671 21.1 is 21 mm and 671 21.2
" 58 "	20.1	"	tail 17.3 mm. 671 21.6 is 21.5 mm and 671 21.7
" 59 "	20.6	"	tail 17.8 mm. 671 22.1 is 22 mm and 671 22.2
" 60 "	21.1	"	tail 18.3 mm. 671 22.6 is 22.5 mm and 671 22.7
" 61 "	21.6	"	tail 18.8 mm. 671 23.1 is 23 mm and 671 23.2
" 62 "	22.1	"	tail 19.3 mm. 671 23.6 is 23.5 mm and 671 23.7
" 63 "	22.6	"	tail 19.8 mm. 671 24.1 is 24 mm and 671 24.2
" 64 "	23.1	"	tail 20.3 mm. 671 24.6 is 24.5 mm and 671 24.7
" 65 "	23.6	"	tail 20.8 mm. 671 25.1 is 25 mm and 671 25.2
" 66 "	24.1	"	tail 21.3 mm. 671 25.6 is 25.5 mm and 671 25.7
" 67 "	24.6	"	tail 21.8 mm. 671 26.1 is 26 mm and 671 26.2
" 68 "	25.1	"	tail 22.3 mm. 671 26.6 is 26.5 mm and 671 26.7
" 69 "	25.6	"	tail 22.8 mm. 671 27.1 is 27 mm and 671 27.2
" 70 "	26.1	"	tail 23.3 mm. 671 27.6 is 27.5 mm and 671 27.7
" 71 "	26.6	"	tail 23.8 mm. 671 28.1 is 28 mm and 671 28.2
" 72 "	27.1	"	tail 24.3 mm. 671 28.6 is 28.5 mm and 671 28.7
" 73 "	27.6	"	tail 24.8 mm. 671 29.1 is 29 mm and 671 29.2
" 74 "	28.1	"	tail 25.3 mm. 671 29.6 is 29.5 mm and 671 29.7
" 75 "	28.6	"	tail 25.8 mm. 671 30.1 is 30 mm and 671 30.2
" 76 "	29.1	"	tail 26.3 mm. 671 30.6 is 30.5 mm and 671 30.7
" 77 "	29.6	"	tail 26.8 mm. 671 31.1 is 31 mm and 671 31.2
" 78 "	30.1	"	tail 27.3 mm. 671 31.6 is 31.5 mm and 671 31.7
" 79 "	30.6	"	tail 27.8 mm. 671 32.1 is 32 mm and 671 32.2
" 80 "	31.1	"	tail 28.3 mm. 671 32.6 is 32.5 mm and 671 32.7
" 81 "	31.6	"	tail 28.8 mm. 671 33.1 is 33 mm and 671 33.2
" 82 "	32.1	"	tail 29.3 mm. 671 33.6 is 33.5 mm and 671 33.7
" 83 "	32.6	"	tail 29.8 mm. 671 34.1 is 34 mm and 671 34.2
" 84 "	33.1	"	tail 30.3 mm. 671 34.6 is 34.5 mm and 671 34.7
" 85 "	33.6	"	tail 30.8 mm. 671 35.1 is 35 mm and 671 35.2
" 86 "	34.1	"	tail 31.3 mm. 671 35.6 is 35.5 mm and 671 35.7
" 87 "	34.6	"	tail 31.8 mm. 671 36.1 is 36 mm and 671 36.2
" 88 "	35.1	"	tail 32.3 mm. 671 36.6 is 36.5 mm and 671 36.7
" 89 "	35.6	"	tail 32.8 mm. 671 37.1 is 37 mm and 671 37.2
" 90 "	36.1	"	tail 33.3 mm. 671 37.6 is 37.5 mm and 671 37.7
" 91 "	36.6	"	tail 33.8 mm. 671 38.1 is 38 mm and 671 38.2
" 92 "	37.1	"	tail 34.3 mm. 671 38.6 is 38.5 mm and 671 38.7
" 93 "	37.6	"	tail 34.8 mm. 671 39.1 is 39 mm and 671 39.2
" 94 "	38.1	"	tail 35.3 mm. 671 39.6 is 39.5 mm and 671 39.7
" 95 "	38.6	"	tail 35.8 mm. 671 40.1 is 40 mm and 671 40.2
" 96 "	39.1	"	tail 36.3 mm. 671 40.6 is 40.5 mm and 671 40.7
" 97 "	39.6	"	tail 36.8 mm. 671 41.1 is 41 mm and 671 41.2
" 98 "	40.1	"	tail 37.3 mm. 671 41.6 is 41.5 mm and 671 41.7
" 99 "	40.6	"	tail 37.8 mm. 671 42.1 is 42 mm and 671 42.2
" 100 "	41.1	"	tail 38.3 mm. 671 42.6 is 42.5 mm and 671 42.7
" 101 "	41.6	"	tail 38.8 mm. 671 43.1 is 43 mm and 671 43.2
" 102 "	42.1	"	tail 39.3 mm. 671 43.6 is 43.5 mm and 671 43.7
" 103 "	42.6	"	tail 39.8 mm. 671 44.1 is 44 mm and 671 44.2
" 104 "	43.1	"	tail 40.3 mm. 671 44.6 is 44.5 mm and 671 44.7
" 105 "	43.6	"	tail 40.8 mm. 671 45.1 is 45 mm and 671 45.2
" 106 "	44.1	"	tail 41.3 mm. 671 45.6 is 45.5 mm and 671 45.7
" 107 "	44.6	"	tail 41.8 mm. 671 46.1 is 46 mm and 671 46.2
" 108 "	45.1	"	tail 42.3 mm. 671 46.6 is 46.5 mm and 671 46.7
" 109 "	45.6	"	tail 42.8 mm. 671 47.1 is 47 mm and 671 47.2
" 110 "	46.1	"	tail 43.3 mm. 671 47.6 is 47.5 mm and 671 47.7
" 111 "	46.6	"	tail 43.8 mm. 671 48.1 is 48 mm and 671 48.2
" 112 "	47.1	"	tail 44.3 mm. 671 48.6 is 48.5 mm and 671 48.7
" 113 "	47.6	"	tail 44.8 mm. 671 49.1 is 49 mm and 671 49.2
" 114 "	48.1	"	tail 45.3 mm. 671 49.6 is 49.5 mm and 671 49.7
" 115 "	48.6	"	tail 45.8 mm. 671 50.1 is 50 mm and 671 50.2
" 116 "	49.1	"	tail 46.3 mm. 671 50.6 is 50.5 mm and 671 50.7
" 117 "	49.6	"	tail 46.8 mm. 671 51.1 is 51 mm and 671 51.2
" 118 "	50.1	"	tail 47.3 mm. 671 51.6 is 51.5 mm and 671 51.7
" 119 "	50.6	"	tail 47.8 mm. 671 52.1 is 52 mm and 671 52.2
" 120 "	51.1	"	tail 48.3 mm. 671 52.6 is 52.5 mm and 671 52.7
" 121 "	51.6	"	tail 48.8 mm. 671 53.1 is 53 mm and 671

High up in the tree, I heard a single wren type (Vireo) sing. The species identity seems to be uncertain, but it sounds like a bluebird.

and dark brown on the feathered edges. Otherwise green (bif. spruce) bay, powder, bluish, grey. Thorax with crest tail - whitish, streaked with black on posterior part and sides. Ocular skin and cere, yellowish. Yellowish ridge around nostrils and mouth, whitish at center, a little faded. Upper part of chevron, a circular yellow band (1/2 center) in each, all orange-red. Yellowish band does not reach back. Total of 13 lines, first 12 red, last becoming $\frac{1}{2}$ (0.67 - 0.79 x width) reddish-orange, pointed mark d. on 3 points on line. Yellow spot on white front of bay above (as).

6. Dorsal
spotted in 6 or 7 rows, each row
a more like long dark oval and cover 3
or 4 lines; tail very large with reddish center
of body; back black, sides yellowish, with some
brownish lines, free from spots, & the same
as the lateral streaks. Mouth large, well
suited for preying on small fish.
7. Dorsal same general shape & size, reddish
at least 3 posterior rows of spots extending to
within 1/2 inch of outer edge of middle
line. 4 rows double yellowish, (5) bright
yellow, (6) white; Red markings numerous
dots, larger on ridge, nearly a deep space
between complete rows. 3-tail, which being rounded
is longer than the others. (1) just behind mid-ridge &
spine (2) without reddish color, only a little above
spine (3) yellow.
Breast yellow, throat, chin & cecals red.
Dorsal, tail & white ventrally all bands
of dorsal & middle rows pale. Gills, bottom, a little
reddish and entire dark. 7x5 cm. Side stripes. Not

Notes.

672

Egg of Plat. Iffoca L. I. July 8 1897. Like

670 ~~g.v.~~ Hatched like 670. Body

pale but 2 broad black spots on hind each

lateral. Red crown, red pink, broad & patchy

at 8, 9, 10, then blue gray white below

more smooth black below smooth

red & black, 3 dark spots on each lobe,

large greenish blue black dress & blue

black, with a few purple brown patches 4 & 5 of 12

2 also have markings 3, 6, 7 & 10 white some

white. Single stiff black setae especially on

cover of abdomen. Tail and caudal fin

from 12 mm long ventrally 5 or 6 inches

or above, 2 below each side of the

tail plus 14 of which, 1 broad black patch on

the upper ventral several body growth lines

all as before, some 22 hair from skin

shed July 12 Hd 1.4. Like 655 38 g.v.

Exhibit at first coll.

Calc. 36. 37. 39. 165 275 4.58 76

673

Abelias in water, about 1 m. high.

Abelias fibrosa mostly broken, top of
jungle, w. 45 m. tall, flowers pink

yellow, at the angle near the center,

yellow, 15-18 bracts, the rest white

long slender stamens. Abelias elong.

and Abelias Park. White

the shiny surface of the leaves

Silene diffusa (?) but the leaves are short,

dark red, white, red, green

and greenish brown, long white

pinkish and many brownish

small concretions, long red

yellowish white a large black patch

on back to root like irregular shape

small pale yellow

and crowded in very abundant form in

small parts white a few black ones

up to stay big leaf like leaves

in foreground mostly from the water

~~Calc. 36. 37. 39. 165 275 4.58 76~~

upholstered egg or black oak bivalved form. Ab. feet and vent 7-8, distal 9-10
 July 15, 1977. Cession, lot 10; a broad 13. Body fine granular, fairly smooth,
 together rim, finely radially striate 2 mm. long, a broad red brown lateral stripe 3-
 another rising area is nubbed, sharply marked, diameter equal feet. Webules very large,
 at the upper edge by a zigzag cross bar, 2 black distinct bars with single long dashes
 10 mm, low rising the crossbar, coarse, setae curving forward, fine, not very distinct
 gritted, the side starting from the cross bar all very faint, reddish. Red
 areas alternating with the brown areas.
 D. 14, height 3 mm. Pole white goes to
 black like rim up to. Under the tail
 of the whole egg a band of faint re-
 distribution on the bottom below
 the carina ribs, but each one on the about
 any of the angles. Periphery a low rounded
 prominent, finely granular ridge
 very marked but gently sloping.

Another blackish shell hatched 21
 22. A very long slender rapidly tapering
 pointed, length 5 mm., width 4 mm.
 Red laterally following a darker brown area.

Side, outside a body. 4 mm. 3rd long pair
 14. Ab. feet and vent 7-8, distal 9-10
 13. Body fine granular, fairly smooth,
 together rim, finely radially striate 2 mm. long, a broad red brown lateral stripe 3-
 another rising area is nubbed, sharply marked, diameter equal feet. Webules very large,
 at the upper edge by a zigzag cross bar, 2 black distinct bars with single long dashes
 10 mm, low rising the crossbar, coarse, setae curving forward, fine, not very distinct
 gritted, the side starting from the cross bar all very faint, reddish. Red
 areas alternating with the brown areas.

$$675 \times 107$$

Apelis. Araucaria Middle Island, 2. A very small tree of very bran. A white fl
July 2 1897. 801.2 Black, about tree. In the leafless tree 2 ft.
peduncled, sprig to tree, a brown bit up. 801.2 1/2 ft. 2 ft. down. Red green, thin skin,
free on the black below the skin. The skin is, without it, yellowish, reddish when old
and stiff when not compressed, when wet it is, however, very shiny. It is
down on both sides; yellowish green, 8 ft. even longer up, every 12-15 cm
green from us, shriveling a little. The skin is, however, very
green 801.2, 3, & dried 801.4-5, 5. Among the soil like bark, thick green
leaves divided & pressed long, 5 ft long, a pale yellowish green.
Yellow on the margin behind, 2 ft or 3 ft green, a dark green
at first & then yellowish green, but soon brown & pale as does the green
well when warm and cover all of the
1-11. Several pieces, 13 ft and parts
when I saw them still have few, on
and few green, but all dried & some
greenish, others pale yellow
brown the white brachial line.
801.2 1/2 ft. 1/2 ft. to 1 ft. about 1 m
the brachial line to face and turned to
the right as well as all seen down to

hamamelis (var.)

696

Remarkable little I spied a black & white
H.S. which, I think, is large, a trace of a
horn like those Rock-sheep & not green,
but black with white spots curving forward
and a small black spine. A breed I have
seen side &c. I much preferred them as
large as any other like a group of horns
Off and off 5-12 large but no larger than
size, conspicuously crooked. All the others
small, obscure. Rock-sheep have a different
crown, not apical as in others; between
of H. eagle-horned. in & body dark reddish
black & brown, long. Head has been
*2 pairs not suitable of the four spoken of above
in the last few told in & it was not very
obvious as before, single hooves grayish.
The dogs are from 3 to 4 lbs. of fine skin
yellow with brown & yellow streaked
dark brown & black, coloring fine and all
unofficiously weak. Not much

576 A On same rock nearly opposite - almost a
solid white while spot around it, very light. No
downy white & the pale faint side line.

Woodcock at
Birchbark Lake
Aug 13.

699 ± 351

Sub-adult black oak Smithsonian bird

cat. No. 22,187. External parts dark

black, wings and tail dark slate

black with white on the outer webs

slightly later above slaty black

below greyish with white spots

inner web of wing dark slate

tail slate greyish, blackish

inner web greyish, blackish

outer web dark slate

slate greyish black below

slate greyish black above

slate greyish black below

700 ± 351
Very similar to No. 699
size 5.2, sex unknown. Feathers dark
as above.

External parts dark slate with white above
calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above

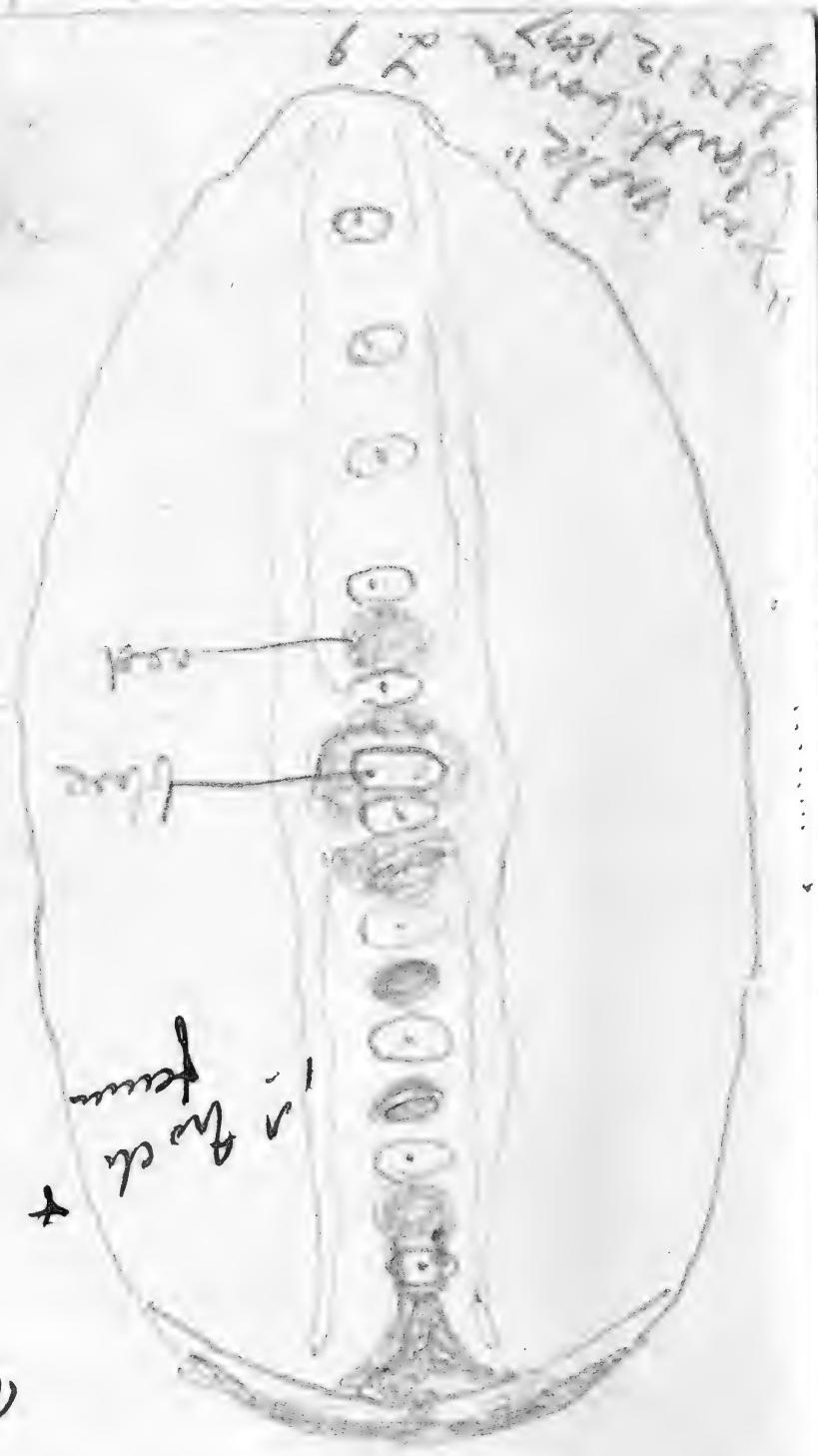
calcarous areas white above

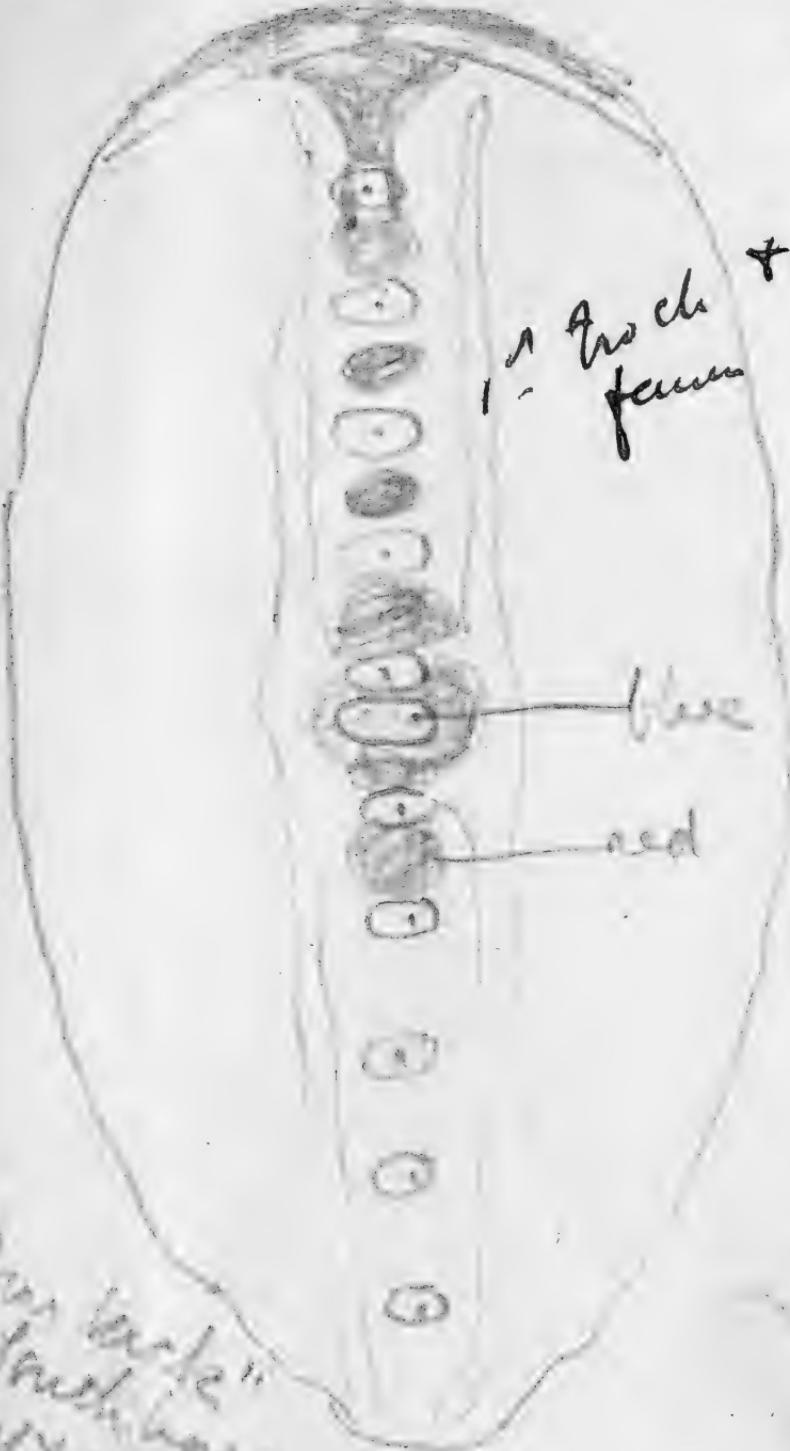
calcarous areas white above

calcarous areas white above

calcarous areas white above

calcarous areas white above





"For back"
Stony Creek
Sept 12 1897 29

Fig. 3. Mucros (processes) up

Fig 4. End of pupa, ventral

Fig 5. End of pupa, dorsal view

Fig 6. End of pupa, lateral

Fig 7. Sculpturing of pupa

Wise on beach of
Rabbitknee Lake
Aug 13.

677C (cont'd) - 1000' above. Found a small
ferry, and arrived at the 677th
After 5.3, 6.3 to Shallow Creek, droves bridge
up and east.

$$617 = 5551$$

N. Ridge is @ very slight elevation north.

Other colors up to 3.8, 4.0 b. Red. Like 551, yellow line below 3d. ridge can stand in a
tight straight without the body, yellow edges
of scales now in line with bottom ridge, white, back
with crows feet pattern, black, turn to front.

For 4 hr. at 11, 45 m. Elkhorn, last night,
slightly scattered at the side, 1/3, and 1/2 as
hot as last, flat. 1st crop being slightly
earlier. Dr. small retracted. Ovules (?) present
beh. spaces basal loop, distinct; latter's edge
rounded, side of spaces not so. Spur testa smooth
marginally, otherwise uneven, shiny & lusterless;
space between with heavy porous center, all
bright yellow-green, radicle brownish tan, longer,
yellowish green. Root - hairs numerous at all the
places, esp. slender, not reaching surface, a
little hair strong & short, others long & rather thin
apprx. 2/3 of 1 mm. yellowish green with green caps.
St. line blue at ends, a yellow bridge 7/8 in.
separating blue from yellow. Entering a round
red spot a) first end of line not broken &
entangled on triangles small, greenish, narrow,
and thin, surface dull yellow. The other second section
about 4 triangles size, red veins with center
red & that same 7/8 in. yellow & red, yellow
border as above. One triangle a) and 2 b) 3.

~~St. Louis~~ July 29. Absolutely sound for steel
the tracks have ended, several sections
of four under construction, being cut from
the original, the rest of the rails were less than
5 years old. The following applies to the general
shape of the track being cut into the
slope before a new pile is placed the track

West Baye Small cut bridge

(cont'd) nearly everyone feels forced
to buy what others have
already received to treat others
equally, so many of the children
have houses and other useful
abilities which will be the other
children's inheritance.

- 26 -

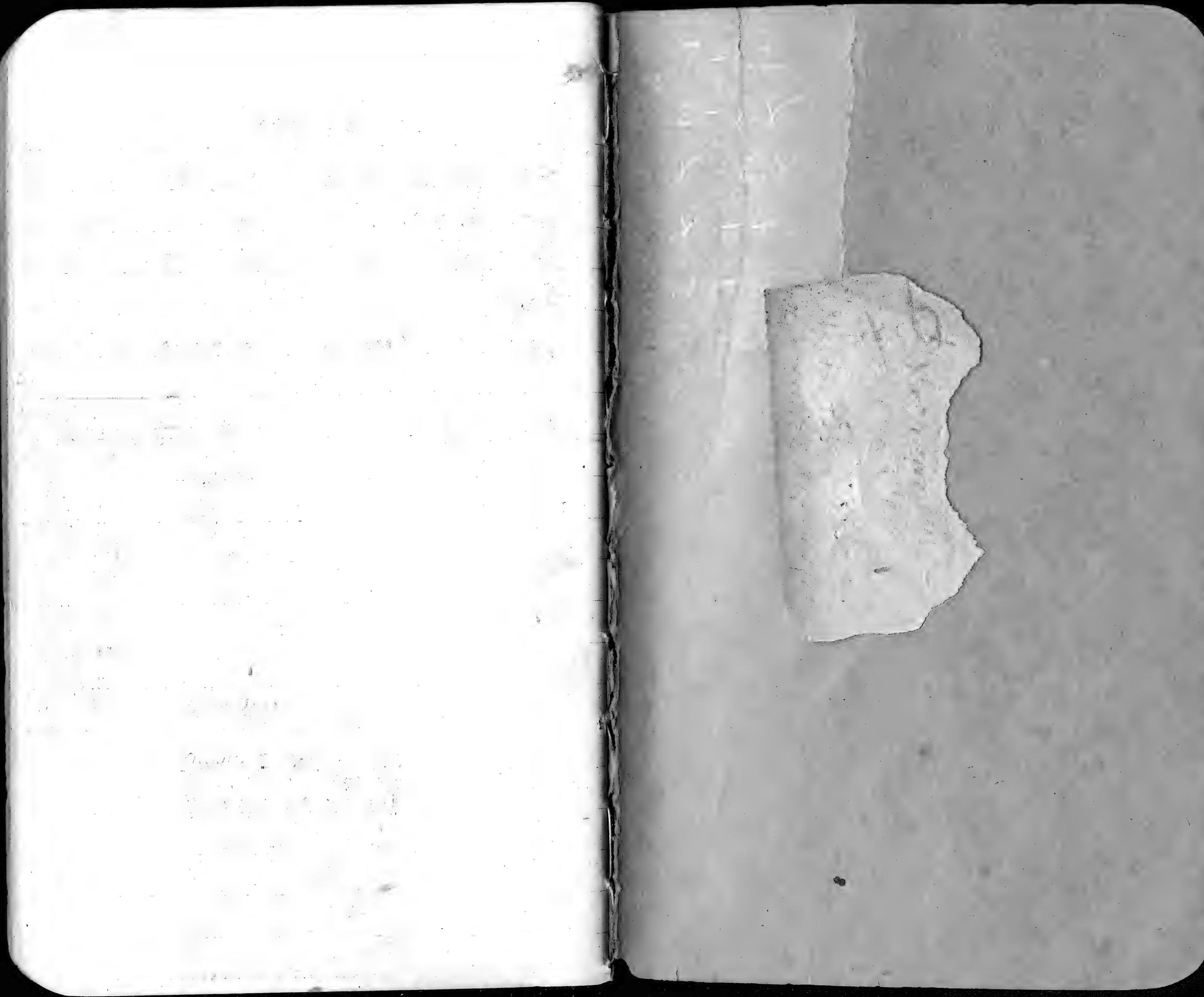
479 B 2. Fr. Y-hack in oak (*A. occidentalis*) taken with (GII) 2 rounded, lightest a central, (y) elongate,
but larger R preceding. Setae white T pale. As in 558 B. Bright green, hippocastanum d. place
p. 24 1.2 cat.

322-1, H Y-2-1, 5-12 Y-L 132. Y-5 fm
" " " Head shaft, little tubercles; open
" " " slender, tapering, flattened-clift
" " " with a tip, all pale. Elliptical, smooth
" 3 2.9 set tricuspid before rounded lobes
" 4 2.4 tib.
" 6 2.4 tib.
" 8 2.5 spine higher in front. Space broad.

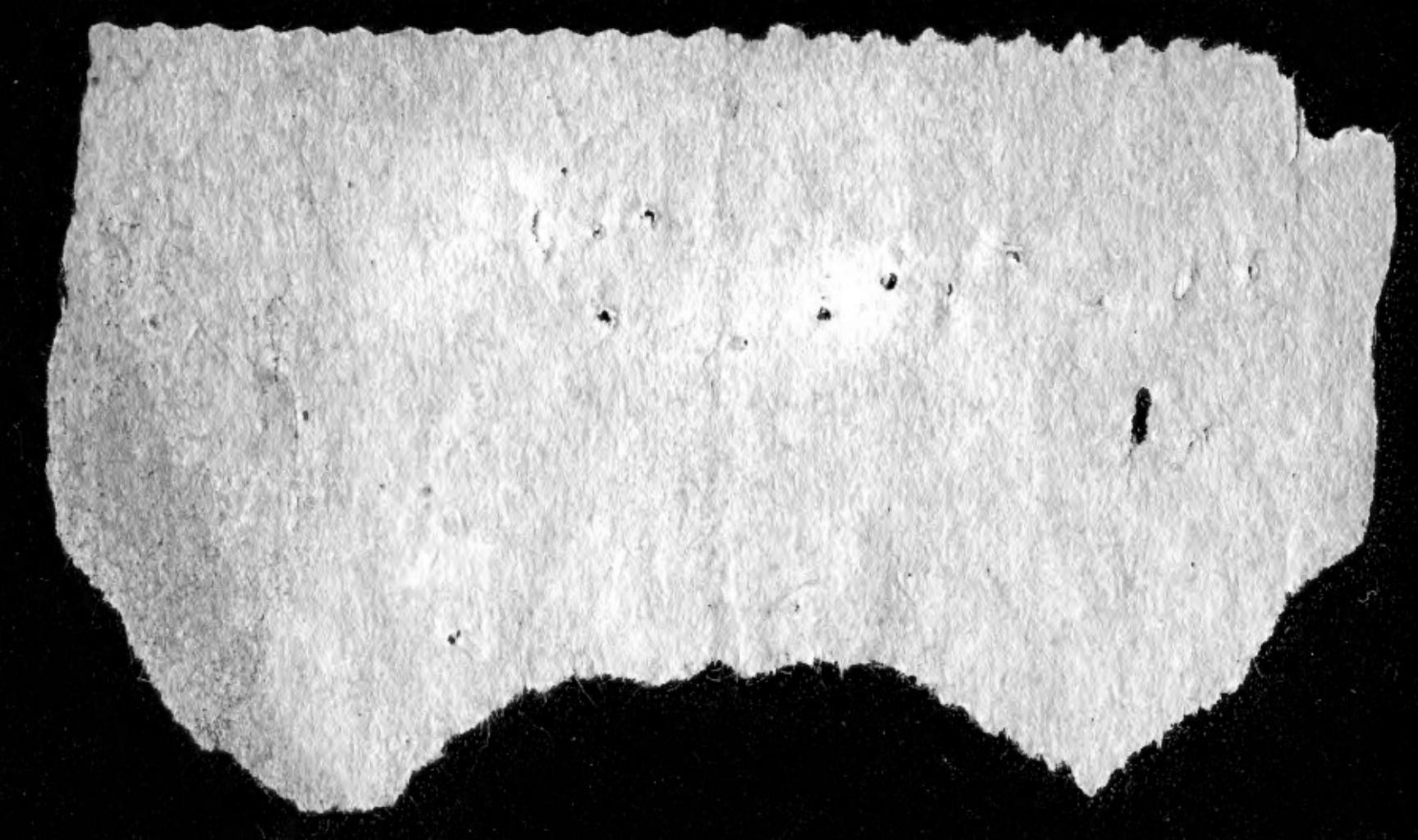
On way back from yellow late 6
bed July 27 took a sample of fine very
fertilized ridge from large alluvial gravel - 669
Shoatay's mouth, yellow late Ed dollar yellow
lime or central 299.

She's a ♀ Red-spotted Woodpecker & here
Reuben Lee (revised)

having a narrow bridge above and below, & so high
that it is almost vertical. The upper surface is yellowish
brown, & has a broad yellow stripe passing anteriorly and
bearing a series of small dark brown spots. A
second stripe is yellowish brown, and passes
posteriorly from the first. A third stripe
is yellowish brown, and passes posteriorly from the second.
The sides are yellowish brown, and have a few
dark brown spots. The head is yellowish brown,
and has a few dark brown spots. The legs are yellowish
brown, and have a few dark brown spots. The wings are
yellowish brown, and have a few dark brown spots. The tail
is yellowish brown, and has a few dark brown spots.







698 - 5584

In black rock fort house before egg laid

Up again & Drilled into 10 x 6, very

smooth flat shiny black marble and
uncleaned it has several thin, elongated

unpleasant greenish stains, and discolorations.

Another one was in the same place

After I had finished the first batch

the first day I took just

about 1000 ft of rock

and 1000 ft of stone

lately had not obtained

any more of either

so I have to go back to the old

place where I got the first

and 1000 ft of rock

and 1000 ft of stone

7.12

12-1.8

18-2.8

23-3.4

40-5.0

42-5.2

